

Internship Portfolio

19011BC038 RADHA KRISHNA DESHPANDE 8 Sem B.Tech (DTDP)

About Me

Contact



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Education

JNAFAU B.TECH DTDP 2019-2023

INTERMEDIATE DELTA JUNIOR COLLAGE 2017-2019 SSC KAKATIYA HIGH SCHOOL 2017

Skills

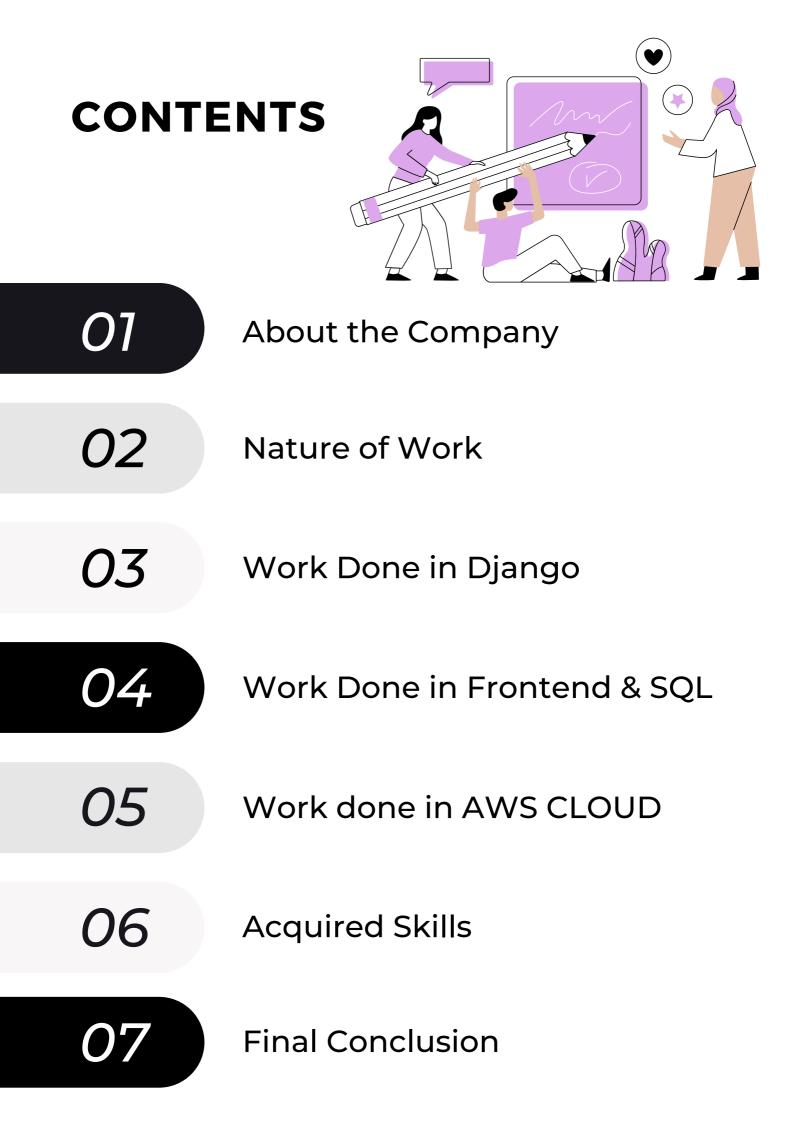
FRONTEND	82%
BACKEND	70%
SQL	50%
AWS	60%

Carrer Objective

A highly motivated and experienced full stack developer with a strong background in machine learning. Seeking to utilize my skills and experience to contribute to the development and success of a dynamic and growing company by creating innovative and user-friendly web applications using machine learning techniques.

Social Media

- https://www.linkedin.com/in/radha
 - krishna-deshpande-902281196/
- @adhakrishnadeshpande663
- @radha.krishna.deshpande
- @radhakrishnadeshpande
- https://resume-rkd.netlify.app/



O1 About the Company

Company name : Axiom Software Solutions Private Limited

At the start of the 21st century, two critical routes to securing talent and expertise were hiring permanent staff and engaging contingent workers. Fast forward to the present, and we have plenty of other opportunities. We now live in an open talent economy, bringing a more flexible and dynamic approach to talent acquisition. There are many more routes to source qualified candidates, and new ones continue to open as workforce dynamics and business needs are changing.The company offers various services like software solutions to different industries, corporate training, workshops, paper writing and internships.

Hyndava Techno Park, Plot No. 12, Survey No. 64, Madhapur Village, Serilingampally Mandal Sector 3, Phase 2, HUDA Techno Enclave, Opp. Rheja Mind space, Hitch City, Hyderabad, Telangana - 500081

Axiom Software Solutions Private Limited A-439, IT/ITES Building, Sector 132, Noida-201301, UP, India

+91 9581056666



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Info@axiomsoftwaresolutions.com

www.axiomsoftwaresolutions.com

02 Nature of Work

I have worked as a PYTHON PROGRAM DEVELOPER and have done works in AWS CLOUD .For the back end portion, I have introduced to the Django framework, an opensource Python web framework. Django simplifies web development through its high-level abstractions, adhering to the "Don't Repeat Yourself" (DRY) principle. It offers features such as URL routing, ORM (Object-Relational Mapping) via Django ORM for database modeling, user authentication management, and a customizable admin interface for data administration. During your internship, i likely worked with a database, MySQL.

And also done work in the AWS CLOUD to deploy the websites in the server using lambda, EC2 and S3.

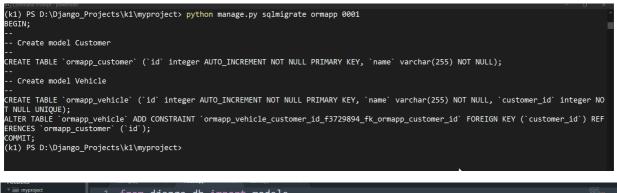


<u>03</u> Work Done in Django

django

G	😋 settings.	gs.py 🛛 🈓 models.py 💿 🍦 admin.py	
	courses >	> 👶 models.py	
		class Subject(models.Model):	With diseaser Adhene With Manager
		<pre>subject_title = models.CharField(max_length=250)</pre>	The first of the second s
² °		<pre>subject_code = models.CharField(max_length=10)</pre>	
à			
		<pre>defstr(self):</pre>	
88		return self.subject_title	
50			
ч <u>о</u>	11		
٠	12	class Student(models.Model):	
	13	<pre>first_name = models.CharField(max_length=25)</pre>	
		<pre>middle_name = models.CharField(max_length=25)</pre>	
	15	<pre>surname = models.CharField(max_length=25)</pre>	
		<pre>subject taking = models.ForeignKey(Subject, on_delete=models.CA</pre>	SCADE)
	17		
	18	<pre>defstr(self):</pre>	
	19	return f"{self.surname}, {self.first_name} {self.middle_nam	e}"
	20 📕		
8	21		
522	22		
55	0 4 0		In 15 Call 48 Soundar 4 UTE-9 IE Buthan @ Callins ⊘ Problem ⊠ @

This code is a Django ORM for practising .



books	I THOM UJANGO.UD IMPORT MODELS	
► Cars		
▶ 💼 design	3 #DataFlair #DjangoTutorials	
▼ 📄 home		
pycache	4 # Create your models here.	
 migrations templates 	5	
/* _initpy		
/* admin.py	6 class Customer(models.Model):	
/* apps.py	7 name = models.CharField(max length=255)	
/* models.py		
/* tests.py	8	
∕∗ urls.py	9 class Vehicle(models.Model):	
/* views.py		
media	10name = models.CharField(max_length=255)	
 myproject myproject 	11 customer = models.ForeignKey(
/* _initpy	12 Customer,	
/* dfamaker.py		
/* settings.py	13 on delete=models.CASCADE,	
/* urls.py	14 related name='Vehicle'	
/∗ wsgi.py		
🔻 🚞 ormapp	15)	
▶pycache	16	
migrations		
/*initpy /* admin.py		
/* apps.py		
/* models.py		
/* tests.py		
/* views ru		

03 Work Done in Django Gjango.test inort TestCase from django.test import TestCase from django.test import timezone from django.test import timezone from django.test.import timezone

Testing the code in the given company requirements.

self.assertTrue(isinstance(w, Whatever))
self.assertEqual(w.__unicode__(), w.title)

w = self.create_whatever()

16



Testing the code in the given company requirements. I have to not display the company database .

03 Work Done in Django

django

ars

Time (ms)	Action	Stacktrace	Query		Versions
44.16	SELECT	Toggle	SELECT COUNT(DISTINCT 'test_plans'.'plan_id') FROM 'test_plans' INNER JOIN 'auth_user' ON		DJANGO 1.1.1
	PROFILE	Stacktrace	('lest_plans':author_id' = 'auth_user'.'id) WHERE ((auth_user'.'first_name' LIKE BINARY skuang% OR 'auth_user'.last_name' LIKE BINARY skuang% OR 'auth_user'.vsername' LIKE BiNARY skuang% OR 'auth_user'.email' LIKE BINARY skuang%) AND 'lest_plans'.isactive' = True)		Time CPU: 660.43
96.91		Toggle Stacktrace	SELECT COUNT(') FROM 'test_runs' INNER JON' auth_user' ON ('test_runs' imanager_id' = 'auth_user' id') LEFT OUTER JON' auth_user' TS ON ('test_runs' ideaul_tester_id' = TS:id') WHERE (('auth_user' intra.name' LIKE BINARY xixoang's ON auth_user' isaname' LIKE BINARY xixoang's ON' auth_user' username' LIKE Sixolung's ON' auth_user' isana'' LIKE BINARY xixoang's OR TS: first_name' LIKE BINARY xixoang's ON Taint_user' isana'' LIKE BINARY xixoang's OR	0	Settings
	PROFILE			0	HTTP Hea
			LIKE %xkuang% OR T3. email' LIKE BINARY xkuang%) AND 'test_runs'. stop_date' IS NULL)	0	Request V
0.43	SELECT EXPLAIN PROFILE	Toggle Stacktrace	SELECT`auth_message`.'id', 'auth_message`.'usr_id', 'auth_message`.'message' FROM 'auth_message' WHERE 'auth_message'.'usr_id' = 2206	1	Templates
2458.60	SELECT Toggle EXPLAIN Stacktrace PROFILE	ECT Toggle SELECT (SELECT ROUND(no_idle_count/total_count/100,0) FROM (SELECT tr1.run_id AS run_id, "LAIN Stacktrace count(tcr1.case_run_id) AS no_idle_count FROM test_runs tr1 LEFT JOIN test_case_runs tcr1 ON		SQL 5 queries in	
				Signals	
		tr2.run_id) AS table2 WHERE table1.run_id=table2.run_id AND table1.run_id=test_runs.run_id) AS `completed_case_run_percent', (SELECT ROUND(no_idle_count/tata]_count*100,0) FROM (SELECT tr1.run_id AS run_id.count*12001 (AS run_idle_count*FROM test runs tr1 LEFT-10N		Logging 0 messages	
			test_case_runs tor1 ON tr1.run_id=tor1.run_id WHERE tor1.case_run_status_id = 3 GROUP BY tr1.run_id		
			ORDER BY tri.run_id) AS table1.(SELECT tr2.run_id AS run_id, count(tr2.case_run_id) AS total_count FROM test_runs tr2 LEFT JOIN test_case_runs trc? ON tr2.run_id=tc2.run_id GROUP BY tr2.run_id ORDER BY tr2.run id) AS table2 WHERE table1.run id=table2.run id AND	U	
			table1.run_id=test_runs.run_id) AS 'failed_case_run_percent', 'test_runs', 'run_id',		
			'test_runs'.'product_version', 'test_runs'.'plan_text_version', 'test_runs'.'start_date',		
			'test_runs'.'stop_date', 'test_runs'.'summary', 'test_runs'.'notes', 'test_runs'.'estimated_time',		
			'test_runs'.'plan_id', 'test_runs'.'environment_id', 'test_runs'.'build_id', 'test_runs'.'manager_id', 'test_runs'.'default_tester_id' FROM 'test_runs' INNER JOIN 'auth_user' ON ('test_runs'.'manager_id' =		
			`auth_user`.'id') LEFT OUTER JOIN `auth_user` T3 ON ('test_runs'.'default_tester_id' = T3.'id') WHERE		
			(('auth_user'.'first_name' LIKE BINARY xkuang% OR 'auth_user'.'last_name' LIKE BINARY xkuang%		
			OR 'auth_user'.'username' LIKE %xkuang% OR 'auth_user'.'email' LIKE BINARY xkuang% OR T3.'first_name' LIKE BINARY xkuang% OR T3.'last_name' LIKE BINARY xkuang% OR T3.'username'		

This is refered pic of django tool bar .



Tool Bars referenced code .



03 Work Done in Django

django

<pre>4 ENVIRONMENT = os.getenv('ENVIRONMENT', 'development') 5</pre>	70 DATABASES = { 71 "default": {
o 6 DEBUG = True	72 "ENGINE": "django.db.backends.sqlite3", 73 "NAME": os.path.join(BASE_DIR, 'db.sqlite3')
<pre>7 BASE_DIR = os.path.dirname(os.path.dirname(os.path.abspath(file)))</pre>	74 }
<pre>8 SECRET_KEY = '-05sgp9!deg=q1nltm@^^2cc+v29i(tyybv3v2t77qi66czazj'</pre>	75 }
9 ALLOWED_HOSTS = []	
0	77 if ENVIRONMENT == 'production': 78 : DEBUG = <i>True</i>
1 INSTALLED_APPS = [79 SECRET_KEY = os.getenv('SECRET KEY')
2 'django.contrib.admin',	80 SESSION_COOKIE_SECURE = True
3 'django.contrib.auth',	81 SECURE_BROWSER_XSS_FILTER = True
<pre>4 'django.contrib.contenttypes',</pre>	82 SECURE_CONTENT_TYPE_NOSNIFF = True 83 SECURE HSTS INCLUDE SUBDOMAINS = True
5 'django.contrib.sessions',	82 SECURE_CONTENT_TYPE_NOSNIFF = True 83 SECURE_HSTS_INCLUDE_SUBBOMAINS = True 84 SECURE_HSTS_SECURDS = 31536000
6 'django.contrib.messages',	85 SECURE_REDIRECT_EXEMPT = []
7 'django.contrib.staticfiles', 8 'django.contrib.sites',	<pre>86 SECURE_SSL_REDIRECT = True 87 SECURE_PROXY_SSL_HEADER = ('HTTP_X_FORWARDED_PROTO', 'https')</pre>
9 'allauth',	88
0 'allauth.account',	89 # Auth
1 'allauth.socialaccount',	90 AUTHENTICATION_BACKENDS = (91 : 'django.contrib.auth.backends.ModelBackend',
<pre>2 'allauth.socialaccount.providers.google',</pre>	91 'django.contrib.auth.backends.ModelBackend', 92 'allauth.account.auth_backends.AuthenticationBackend'
3 'crispy_forms',	
4 'django_countries',	94
5 'core' 6]	95 SITE_ID = 1 96 LOGIN_REDIRECT_URL = '/'
7	97
8 MIDDLEWARE = [98 # Provider specific settings
<pre>9 'django.middleware.security.SecurityMiddleware',</pre>	99 SOCIALACCOUNT_PROVIDERS =
<pre>0 'django.contrib.sessions.middleware.SessionMiddleware',</pre>	100 'google': {
<pre>1 'django.middleware.common.CommonMiddleware',</pre>	102 # (``socialaccount`` app) containing the required client
<pre>2 'django.middleware.csrf.CsrfViewMiddleware',</pre>	103 # credentials, or list them here:
<pre>3 'django.contrib.auth.middleware.AuthenticationMiddleware',</pre>	104 'APP': { 105 'client_id': '123',
4 'django.contrib.messages.middleware.MessageMiddleware', 5 'django.middleware.clickjacking.XFrameOptionsMiddleware'	106 'secret': '456',
6]	107 'key': '666'
	108 } 109 }
8 ROOT_URLCONF = 'demo.urls'	
0 TEMPLATES = [112 # CRISPY FORM
1 {	113 114 CRISPY_TEMPLATE_PACK = 'bootstrap4'
2 'BACKEND': 'django.template.backends.django.DjangoTemplates', DTPCL: for arth inin (PACE DTP _ ltomplates!)]	
<pre>3 'DIRS': [os.path.join(BASE_DIR, 'templates')], 4 'APP_DIRS': True,</pre>	116 STRIPE_PUBLIC_KEY = 'pk_test_lX3r60Mj0U2yzFsNSHq6belT00EY82kZmH'
5 'OPTIONS': {	117 STRIPE_SECRET_KEY = 'sk_test_tn0CTDaIJHUJvAqhsf39cfsC00LNjsqDnb'
6 'context_processors': [
7 'django.template.context_processors.debug',	
<pre>8 'django.template.context_processors.request',</pre>	
<pre>9 9 9</pre> 9 django.contrib.auth.context_processors.auth',	
<pre>0 'django.contrib.messages.context_processors.messages',</pre>	
1], 2 },	
$3 $ $\}_{i}$	
4]	
6 LANGUAGE_CODE = 'en-us'	
7 TIME_ZONE = 'UTC'	
8 USE_I18N = True	
9 USE_L10N = True 0 USE_TZ = True	
0 055_12 = 110e	
2 # static files (CSS, JS, Image)	
3	
4 STATIC_URL = '/static/'	
<pre>5 STATICFILES_DIRS = [os.path.join(BASE_DIR, 'static_in_env')]</pre>	
<pre>6 STATIC_ROOT = os.path.join(BASE_DIR, 'static_root')</pre>	
7 MEDIA_URL = '/media/'	
<pre>8 MEDIA_ROOT = os.path.join(BASE_DIR, 'media_root') </pre>	
9 0 DATABASES = {	

This code is a Django importing the files from the requirement side and linking up with the requirements which are essential.

03 Work Done in Django

django

1	# flake8: noqa
2	<pre>from .settings import *</pre>
3	
4	DEBUG = True
5	ALLOWED_HOSTS += ['*']
6	WSGI_APPLICATION = 'market.wsgi.application'
7	
8 🗸	AUTH_PASSWORD_VALIDATORS = [
9	{'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator'},
10	{'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator'},
11	{'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator'},
12	{'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator'},
13]
14	
15 🗸	DATABASES = {
16	'default': {
17	'ENGINE': 'django.db.backends.postgresql_psycopg2',
18	'NAME': os.getenv('APP_DB_NAME'),
19	'USER': '{}@{}'.format(os.getenv('POSTGRES_ADMIN_USER'), os.getenv('POSTGRES_SERVER_NAME')),
20	'PASSWORD': os.getenv('POSTGRES_ADMIN_PASSWORD'),
21	'HOST': os.getenv('POSTGRES_HOST'),
22	'PORT': '5432',
23	'OPTIONS': {'sslmode': 'require'},
24	}
25	}
26	
27	STATICFILES_STORAGE = 'storages.backends.azure_storage.AzureStorage'
28	AZURE_ACCOUNT_NAME = os.getenv('AZ_STORAGE_ACCOUNT_NAME')
29	AZURE_CONTAINER = os.getenv('AZ_STORAGE_CONTAINER')
30	AZURE_ACCOUNT_KEY = os.getenv('AZ_STORAGE_KEY')

This code is a Django settings file that configures database, static file storage, and authentication settings for the project. Which I have developed **O4** Work Done in Frontend & SQL



	(/ 1. Selecting an element and changing its text content
	<pre>const element = document.getElementById('example'); element.textContent = 'Updated text';</pre>
5 4 6 (7 1 8	<pre>// 2. Handling a button click event const button = document.getElementById('btn'); outton.addEventListener('click', () => { alert('Button clicked!'); });</pre>
	<pre>// 3. Making an AJAX request using fetch API fetch('https://api.example.com/data') .then(response => response.json()) .then(data => { console.log(data); }) .catch(error => { console.error('Error:', error); });</pre>
	<pre>// 4. Dynamically creating an HTML element const newElement = document.createElement('div'); newElement.textContent = 'New element'; document.body.appendChild(newElement);</pre>
(<pre>// 5. Changing the CSS style of an element const element = document.getElementById('example'); element.style.color = 'red'; element.style.fontSize = '20px';</pre>
-	<pre>// 6. Handling form submission const form = document.getElementById('myForm'); form.addEventListenet('submit', event => { event.preventDefault(); const formData = new FormData(form); // Process form data or send it to the server });</pre>
(<pre>// 7. Adding a CSS class to an element const element = document.getElementById('example'); element.classList.add('highlight');</pre>
•	<pre>// 8. Manipulating the browser's local storage localStorage.setItem('key', 'value'); const storedValue = localStorage.getItem('key'); localStorage.removeItem('key');</pre>
	<pre>// 9. Redirecting to a different page vindow.location.href = 'https://example.com';</pre>

Front end code which is refference not the companies.

```
    1. Creating a table

      CREATE TABLE customers (
        id INT PRIMARY KEY,
        name VARCHAR(50),
        email VARCHAR(100)
 8
9
        - 2. Inserting data into a table
      INSERT INTO customers (id, name, email)
VALUES (1, ' ', 'axiomsoftwaresolution@gmail.com');
      -- 3. Querying data from a table
      SELECT * FROM customers WHERE id = 1;
     -- 4. Updating data in a table
UPDATE customers SET email = '' WHERE id = 1;
        - 5. Deleting data from a table
      DELETE FROM customers WHERE id = 1;
21
22
23
24
25
26
       -- 6. Creating an index on a column
      CREATE INDEX idx_customers_email ON customers (email);
      -- 7. Joining tables
SELECT c.name, o.order_number
      FROM customers c
27
28
29
      JOIN orders o ON c.id = o.customer_id;
        - 8. Aggregating data with GROUP BY
30
31
      SELECT category, COUNT(*) AS count
      FROM products
      GROUP BY category;
      -- 9. Using subqueries
     SELECT name
      FROM products
     WHERE category IN (SELECT category FROM popular_categories);
```

SQL code

O4 Work Done in Frontend & SQL



```
// 1. Selecting elements and applying CSS styles
const elements = document.querySelectorAll('.item');
elements.forEach(element => {
     element.style.backgroundColor = 'red';
  // 2. Handling a form input change event
const input = document.getElementById('myInput');
input.addEventListener('input', event => {
   const value = event.target.value;
console.log('Input value:', value);
  // 3. Creating and appending a new list item
  const list = document.getElementById('myList');
  const newItem = document.createElement('li');
  newItem.textContent = 'New Item';
  list.appendChild(newItem);
  // 4. Fetching data from an API using async/await
async function fetchData() {
   try {
         const response = await fetch('https://api.example.com/data');
        const data = await response.json();
console.log('Fetched data:', data);
        console.error('Error:', error);
  fetchData();
  // 5. Adding event listeners to multiple elements
  const buttons = document.querySelectorAll('.btn');
  buttons.forEach(button => {
    button.addEventListener('click', () => {
    console.log('Button clicked!');
}
  // 6. Toggling a CSS class on an element
const element = document.getElementById('myElement');
element.addEventListener('click', () => {
     element.classList.toggle('active');
  // 7. Animating an element using CSS transitions
  const box = document.getElementById('myBox');
box.style.transition = 'transform 0.3s';
box.addEventListener('click', () => {
     box.style.transform = 'translateX(100px)';
--- 1. Creating a table with foreign key constraint CREATE TABLE orders (
   id INT PRIMARY KEY,
customer_id INT,
   order_date DATE,
FOREIGN KEY (customer_id) REFERENCES customers(id)
-- 2. Inserting multiple rows into a table
INSERT INTO orders (id, customer_id, order_date)
VALUES
(1, 1, '2023-05-01'),
(2, 2, '2023-05-02'),
(3, 1, '2023-05-03');
-- 3. Querying data from multiple tables using JOIN
SELECT o.id, c.name, o.order_date
FROM orders o
JOIN customers c ON o.customer_id = c.id;
-- 4. Updating data in a table based on a condition
UPDATE products SET price = price * 1.1 WHERE category = 'Electronics';
-- 5. Deleting all records from a table DELETE FROM customers;
--- 6. Using ORDER BY to sort query results
SELECT * FROM products ORDER BY price DESC;
-- 7. Using aggregate functions to calculate statistics
SELECT AVG(price) AS average_price, MAX(price) AS max_price FROM products;
-- 8. Limiting the number of results in a query
SELECT * FROM products LIMIT 10;
--- 9. Using subqueries to filter results
SELECT name, price
FROM products
WHERE price > (SELECT AVG(price) FROM products);
```

Referenced code pictures.

05 wo	ork Done in AWS CLOUD
	aws
aWS services ∽ R Amazon RDS ×	esource Groups v 😫 S3 🌓 EC2 👙 Athena 😤 AWS Glue 🗻 RDS 🙀 QuickSi 🏃 🛆 Aveek22 v Mumbai v Support v ⓒ Successfully created database mysql-db-test01.
Dashboard Databases Performance Insights Snapshots	RDS > Databases Databases O Group resources C Modify Actions ▼ Restore from S3 Create database
Automated backups Reserved instances Proxies	Q. Filter databases < 1 > ∅ Image: DB identifier ▲ Role ▼ Engine ▼ Region & AZ ▼ Size ▼
Subnet groups Parameter groups Option groups	mysql-db-test01 Instance MySQL Community ap-south-1b db.t2.micro sqltest01 Instance SQL Server Express Edition ap-south-1a db.t2.micro

Practising the RDS(Relative DataBase System

aws Services Q Search	[Option+S]
Amazon S3 ×	Amazon S3 > Access Points
Buckets Access Points Object Lambda Access Points	Access Points (0) Info Amazon S3 Access Points simplify managing data access at scale for shared datasets in S3. Access points are named network endpoints that are attached to buckets th to perform S3 object operations. An Access Point alias provides the same functionality as an Access Point ARN and can be substituted for use anywhere an S3 bucket r used for data access. Learn more 🖸
Multi-Region Access Points	Copy Access Point alias Copy ARN Edit policy Delete Create access point
Batch Operations IAM Access Analyzer for S3	Q Search for Access Points by name
TAM ACCess Analyzer for 55	US East (N. Virginia) us-east-1
Block Public Access settings for this account	Name ▲ Network origin マ Bucket マ Access マ Bucket owner account ID マ Access Points
▼ Storage Lens	You don't have any Access Points for this region
Dashboards	Create access point
AWS Organizations settings	
Feature spotlight 3	
Scheduled Instances	To get started, launch an Amazon EC2 instance, which is a Explore AWS
Capacity Reservations	Virtual server in the cloud.
▼ Images	Launch instance V Region T4g instances deliver the bes
AMIs	US East (N. Virginia) for burstable general purpos
AMI Catalog	Migrate a server 🖸 Amazon EC2. Learn more 🖓

EC2 instace is best way of uploading the dyanmic website. It provides virtual servers (instances) that can be quickly provisioned and configured to meet various computing needs. EC2 instances offer flexible computing power, storage options, security features, and allow easy scalability to accommodate changing workload demands in the cloud.

05 Work Done in AWS CLOUD aWS

aws Services	Q Search	[Option+S]
Amazon S3	×	Amazon S3 > Access Points
Buckets Access Points Object Lambda Access Points Multi-Region Access Points Batch Operations IAM Access Analyzer for 53		Access Points (0) Info Amazon S3 Access Points simplify managing data access at scale for shared datasets in S3. Access points are named network endpoints that are attached to buckets to perform S3 object operations. An Access Point alias provides the same functionality as an Access Point ARN and can be substituted for use anywhere an S3 bucket used for data access. Learn more Copy Access Point alias Copy ARN Edit policy Delete Create access point Q Search for Access Points by name US East (N. Virginia) us-east-1
Block Public Access set this account Storage Lens Dashboards AWS Organizations set		Name ▲ Network origin ▼ Bucket ▼ Access ▼ Bucket owner account ID ▼ Access No Access Points No Access Points You don't have any Access Points for this region Create access point Create access point

Amazon S3 (Simple Storage Service) is a highly scalable cloud storage service provided by AWS. It allows you to store and retrieve any amount of data from anywhere on the web. S3 provides a secure, durable, and highly available storage infrastructure, with data stored in multiple facilities and protected against hardware failures. It offers various features such as versioning, data encryption, lifecycle management, and access control policies. S3 is widely used for a range of applications, including data backup, content distribution, static website hosting, and big data analytics.

aws Services	λ Search	[Opti	on+S]	<u>ک</u> ک
Amazon S3	×			
Buckets Access Points				
Access Points Object Lambda Access Po Multi-Region Access Poin		Create dashboard	Daily aggregation	A
Batch Operations		Configure the scope of your dashboard, choose a metrics	Each day your storage metrics are pre-aggregated by	U tr
IAM Access Analyzer for S	53	tier, and optionally configure a metrics export.	account, Region, storage class, and bucket - and optionally by AWS	ti ci fi
Block Public Access settin this account	ngs for		organization and prefix.	У
▼ Storage Lens		Dashboards (1)	View dashboard configuration	Edit
Dashboards AWS Organizations settin	ngs	In addition to the default-account-dashboard that i or specific accounts, Regions, or buckets.	s auto-generated for your account, you can create c	ustom dashbe
		Q Search dashboards		
Feature spotlight 3		Dashboard name	▲ Home Region	
		O default-account-dashboard	LIS Fast (N. Virninia) us-east-1	

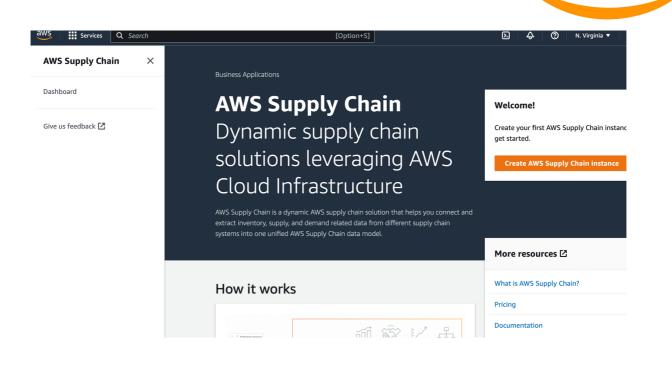
Feature spotlight 3

<u>25</u> Wor	k Done in AWS CLOUD
Amazon S3 ×	Amazon S3 > Object Lambda Access Points Object Lambda Access Points (0) Info Image: Comparent Access Points
Access Points Object Lambda Access Points	Q. Search for Object Lambda Access Points by name US East (N. Virginia) us-east-1 V 🔇
Multi-Region Access Points Batch Operations	Name 🔺 Supporting Access Point Bucket name Transformations Object Lambda Access Point alias
IAM Access Analyzer for S3	You don't have any Object Lambda Access Points in US East (N. Virginia)
Block Public Access settings for this account	Adjust your filters or choose Create Object Lambda Access Point. Create Object Lambda Access Point
▼ Storage Lens	
Dashboards AWS Organizations settings	
Feature spotlight 3	

AWS Lambda enables serverless compute, running code without servers. Access is controlled via IAM policies, allowing secure execution and integration with other AWS services. CloudWatch monitors Lambda functions, providing logging and metrics for insights into performance.

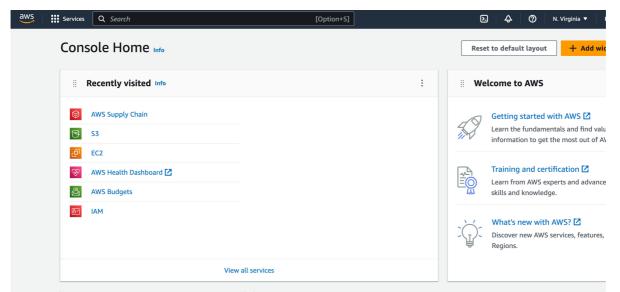
Amazon S3 ×	Amazon S3 > Object Lambda Access Points
Buckets Access Points Object Lambda Access Points	Object Lambda Access Points (0) Info Image: Copy ARN Edit policy Delete Create Object Lambda Access Point Q Search for Object Lambda Access Points by name US East (N. Virginia) us-east-1 4 1 > (2)
Multi-Region Access Points Batch Operations	Name Supporting Access Point Bucket name Transformations Object Lambda Access Point alias
IAM Access Analyzer for S3	You don't have any Object Lambda Access Points in US East (N. Virginia) Adjust your filters or choose Create Object Lambda Access Point.
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Dashboards	
AWS Organizations settings	
Feature spotlight 3	

AWS Object Lambda Access Point is a feature in Amazon S3 that allows you to add custom code to process and modify data as it is retrieved, enabling dynamic transformations and custom responses. 5 Work Done in AWS CLOUD



aws

AWS Supply Chain optimizes operations using AWS services like S3, Redshift, Lambda, Forecast, and Rekognition, enabling visibility, efficiency, and scalability. Integration with 3PLs enhances collaboration.



AWS Console Home is the web-based interface provided by Amazon Web Services (AWS) where users can access and manage their AWS services, configure settings, monitor resources, and access various tools and services for cloud computing.

<u>**06</u>** Acquired Skills</u>

My proficiency in HTML, CSS, and JavaScript empowers me to construct the foundation of web pages with semantic markup, style them precisely, and add interactive elements for enhanced user experiences. When it comes to Django, I can leverage its powerful framework to develop robust web applications, utilizing my skills in front-end frameworks like Bootstrap and responsive web design principles. Additionally, I have gained expertise in AWS services, allowing me to utilize cloud hosting, scalability, and storage solutions for efficient deployment. With MySQL, I can effectively design and manage databases, seamlessly integrating them with Django for seamless data storage and retrieval, enabling reliable and efficient web applications.



<u>**06</u>** Acquired Skills</u>

In addition to my Django expertise, I have also developed proficiency in utilizing AWS services for web application deployment, scalability, and storage. I am well-versed in leveraging AWS Console to manage resources, configure settings, and monitor application performance. Moreover, my experience with MySQL has allowed me to efficiently design and optimize databases for seamless data storage and retrieval. By combining my knowledge of Django, AWS, and MySQL, I am equipped to create powerful and reliable web applications with intuitive user interfaces, ensuring exceptional user experiences.



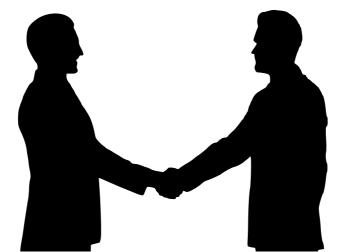
07 Final Conclusion

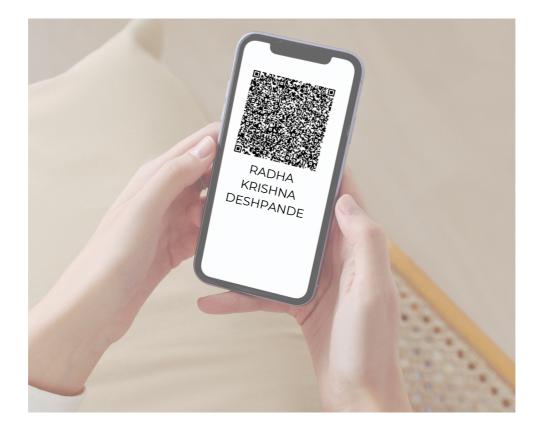
In conclusion, my web development internship has been a transformative journey that has significantly enhanced my skills in both front-end and back-end development. Through practical experience, I have gained a deep understanding of HTML, CSS, and JavaScript, allowing me to construct web pages with semantic markup, precise styling, and interactive elements.

Moreover, my internship introduced me to the powerful Django framework and SQL databases, which have been instrumental in my growth as a back-end developer. Working with Django, I have learned to develop robust and scalable web applications, utilizing its MVC architecture and extensive feature set.

Additionally, my experience with SQL databases has equipped me with the ability to efficiently manage and interact with data, ensuring data integrity and enabling sophisticated queries. Furthermore, I have gained valuable knowledge and skills in AWS services such as S3 and EC2. Leveraging S3 for storage and EC2 for hosting, I have learned to deploy and scale web applications in a flexible and reliable manner.

Overall, my internship has not only expanded my technical expertise but has also fostered important skills such as problem-solving, teamwork, and attention to detail. With my proficiency in HTML, CSS, JavaScript, Django, SQL, and knowledge of AWS services like S3 and EC2, I am confident in my ability to contribute effectively to future web development projects and deliver exceptional results.





SCAN FOR GETTING INTO THE WEBSITES OF MY PROFILE

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