📞 9967167425

✉ saurabhitguy@gmail.com

📍 Lake Road , Bhandup(W)-
Mumbai-400078

in Sourabh

⊙ Viral-22

🌐 Portfolio

Sourabh Pandey

CLOUD , DATABASE , PYTHON, NETWORKING

Career Objective

Enthusiastic database developer with a solid foundation in SQL, database design, and data analysis. Having good knowledge in creating and designing architecture of database and AWS cloud for various applications.

Skills & Interest

Technical Skills:
- Python, DSA, Java, Linux, Ubuntu, TCP, NAT, ACL, Subnetting ,DNS,DHCP

Software & Tools :
- Excel , Power BI, VS Code, VS Studio
- Pycharm, Intelligent IDE, Power Point,
- Git & Github, AWS SDK, Amazon Management console

Web Skills:
- Django , Jquery, HTML, CSS, JavaScript

Database Skills :
- MYSQL , postgresql, Data Mining,
- ETL(Extract transform and load), Data analysis, Database architecture designing, MongoDB , RDS , Aurora ,
- DynamoDB ,Sql Server ,Tomcat Server

AWS Skills
- EC2
- VPC (Virtual Private Cloud)
- Firewall
- Active Directory
- Subnetting
- DevOps and CI/CD
- Backup & disaster recovery
- Docker Basics>
- Kubernetes Basics
- Linux Command
- Networking
- Load Balancer
- Amazon S3
- RDS
- DynamoDB
- Aurora
- Route53
- AWS Architecture Designing

Languages :
- English- Full professional proficiency
- Hindi- Native proficiency

EDUCATION

Bachelors of Science | Major: Information Technology

ALSJ Bunt's Sangha, University of Mumbai   Mumbai, Maharashtra-INDIA
- Overall: 8.55 CGPI

PROFESSIONAL EXPERIENCE

Backend Developer   Oct '24 - Jan '25

Pitasys software private LTD   Navi Mumbai

I work on the python and django and handle the backend of web applications.

INTERNSHIP

MAGIC BUS

CLOUD Support   Mumbai, Maharashtra
- Led the development of a comprehensive DevOps Project resulting in a **50% reduction in deployment time** while utilizing Jenkins, Docker, & Kubernetes
- Configured VPC to enhance network security & ensure data privacy, utilizing AWS services like **Code Commit, Code Build, Code Deploy, Code Pipeline**
- Enhanced deployment efficiency & automated deployment processes by leveraging AWS services like **Code Commit, Code Build, Code Deploy & Code Pipeline**, resulting in a 50% increase in deployment efficiency & also utilizing S3, Lambda, EC2, RDS
- Converted a Docs file into an Pdf using Aws services naming AWS , S3 bucket, AWS SQS
- Optimized deployment efficiency by constructing a Docker image from a Docker file using **AWS ECS**
- Implemented network Firewalls, named Security groups, NACL, & **NAT Gateway** to reduce security vulnerabilities
- Executed traffic management onto servers utilizing **AWS Auto Scaling Group**, resulting in a 30% boost in server efficiency

REAL WORLD PROJECTS

SHOPPING PORTAL

Python Django Framework   MUMBAI, Maharashtra
- Engineered a fully-featured e-commerce website with seamless browsing, **shopping cart functionality**, & secure online transactions utilizing the Django web framework
- Implemented several security measures, which involved utilization of Django's built-in CSRF protection, **implementation of secure password hashing techniques**, & integration of SSL encryption for ensuring secure data transmission

SERVERLESS CHAT APLLICATION   Jan '25 - Feb '25

Chat APPLICATION Using AWS   MUMBAI
- Drove real-time messaging efficiency with a WebSocket API Gateway, boosting response speed by **50%** & leveraging **message broadcasting** for enhanced communication
- Doubled response speed by orchestrating a serverless backend with **AWS Lambda functions triggered by WebSocket events** ($connect, $disconnect, & message events), seamlessly integrated with AWS services like DynamoDB & API Gateway
- **Message storage** and user session tracking in **Amazon DynamoDB**

PORTFOLIO WEB APPLICATION   Mar '25 - Apr '25

Python Django ,Render ,Docker ,Github   MUMBAI

- Marathi- Bilingual proficiency

- Developed and deployed a personal portfolio website using Django and Docker, hosted on Render with HTTPS.
- Implemented a resume upload and serving feature using SQLite as the backend and Django's media file system.
- Configured static and media file handling using WhiteNoise for efficient static file serving.
- Integrated CKEditor for rich text editing and dynamic content management.

CERTIFICATIONS

- AWS Cloud Practitioner Certified

Validation number: 8600197092b24c2ab5c6e34c25b6bd9a

- Visual Graphics in C
- Python Fundamental for Beginners