

MANORITHA SARAVANAN

Cloud & DevOps Engineer Engineer

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SUMMARY

Database, Cloud, and DevOps Engineer with **2.6** years of experience in SQL/PLSQL development, AWS cloud solutions, and CI/CD pipelines. At **Virtusa Corporation**, I designed and optimized high-performance database systems on AWS, implemented infrastructure as code (Terraform), and automated deployments using Jenkins. Skilled in end-to-end database lifecycle management—from development to cloud migration and DevOps automation—with a focus on delivering scalable, reliable solutions through continuous optimization and innovation

EXPERIENCE

Cloud & DevOps Engineer

Virtusa Corporation

📅 05/2022 - 11/2024 📍 Chennai, India

- Collaborated with cross-functional teams to build and test automation for fiber network connections, leveraging **AWS EC2 instances** for scalable testing environments
- Planned and delivered customized fiber connection job packs for clients, ensuring accuracy and adherence to specifications, while utilizing **AWS S3** for secure document storage and sharing
- Provided comprehensive feedback on automated testing results to enhance system reliability and efficiency, while integrating **AWS CloudFormation** for Infrastructure as Code (IaC) to streamline deployment processes
- Deployed **AWS Elastic Beanstalk** for application deployment and management, ensuring seamless scaling and monitoring of web applications
- Implemented **AWS IAM** policies to enhance security and control access to cloud resources, ensuring compliance with organizational standards

Cloud & DevOps Engineer

Virtusa Corporation

📅 05/2022 - 11/2024 📍 Chennai, India

- Designed and implemented database updates based on evolving requirements, ensuring compatibility with AWS cloud infrastructure
- Converted XML data into JSON format to streamline integration and data interchange processes, optimizing data storage and retrieval on **AWS S3** and **DynamoDB**
- Worked on JIRA-based tasks, resolving bugs and implementing enhancements to improve project outcomes, while integrating **AWS CloudWatch** for monitoring and logging
- Utilized **AWS Lambda** for serverless computing to automate backend processes, reducing operational overhead and improving scalability
- Implemented **AWS RDS** for managed database services, ensuring high availability and automated backups for critical data

Intern

Virtusa Corporation

📅 12/2021 - 03/2022 📍 Chennai, India

- Designed and implemented a **relational database** for an e-commerce platform using **Oracle SQL & PLSQL**, optimizing data structure for product listings, user accounts, and order transactions
- Created **Entity-Relationship Diagrams (ERDs)** using *Draw.io* to visualize table relationships and presented schema design
- Collaborated via **GitHub** for version control, documenting SQL scripts and schema changes

EDUCATION

Bachelor of Engineering in Computer Science and Engineering


Mahendra Engineering College

📅 08/2018 - 05/2022 📍 Namakkal, TamilNadu

SKILLS

| | | | |
|------------|-----------------|---------|-----|
| AWS | Prometheus | Grafana | |
| Python | Core Java | Docker | Git |
| GitHub | Jenkins | JIRA | |
| Kubernetes | Shell Scripting | SQL | |
| PLSQL | | | |

KEY ACHIEVEMENTS

- **GenAI Hackathon Participation**

Participated in GenAI Hackathon conducted by Virtusa, aimed at leveraging AI for new idea generation and further implementations.

CERTIFICATIONS

Oracle Database SQL Certified Associate

Oracle Database PL/SQL Developer Certified Professional

AWS Certified Developer – Associate (DVA-C01)

AWS SysOps Administrator – Associate (SOA-C02)