

JEEVITHAN R

Associate Software Engineer | Biotechnology (B.tech) | SIET Coimbatore



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India



Jeevithan R

PROFESSIONAL SUMMARY

Detailed-oriented Associate Software Engineer with hands-on experience in backend development using Python (Flask), AWS services (Lambda, S3, API Gateway, DynamoDB), and CI/CD. Proven track record in building secure, scalable cloud-based applications and APIs. Strong understanding of the software development lifecycle, troubleshooting technical issues, debugging, and deployment automation. Passionate about solving real-world problems through technology.

WORK EXPERIENCE

Associate Software Engineer

Sunware Technologies I Chennai

Mar 2024 - May 2025

- Developed and maintained backend APIs using Flask and DynamoDB for scalable web applications.
- Implemented JWT-based authentication with role-based access (admin, student, counselor).
- Integrated AWS S3 for document upload/download and built CI/CD pipelines for auto deployment.
- Contributed to building a multi-user Student Abroad Guidance System from scratch, focusing on secure architecture and process efficiency.

SKILLS

Programming Languages: Python

Web & API Development: Flask, RESTful APIs

Cloud & Infrastructure: AWS (Lambda, API Gateway, S3, DynamoDB, CloudWatch, CodeBuild)

DevOps & Automation: CI/CD Pipelines, Serverless Framework, Docker, Git, Linux

Database Management: MySQL, DynamoDB

Other Tools: Postman, Jira , VS Code

EDUCATION

SIET - Coimbatore

Bachelor of Biotechnology (B.tech) - 7.54/10

2020-2024

PROJECT

WGC - (Student Abroad Guidance System)

- Designed and developed a role-based multi-user platform for students, admins, and counselors using Python Flask.
- Built backend components using AWS Lambda, DynamoDB, and S3 for scalable and secure data handling.
- Implemented JWT authentication for role-based access and secure login management.
- Integrated CI/CD pipelines with AWS CodeBuild and Git to automate deployment and testing.
- Contributed to the project's development from initial design to functional prototype, focusing on performance and process improvement.

CERTIFICATES

Python Course for Beginners With Certification: Mastering the Essentials

SQL for Beginners: Learn SQL using MySQL and Database Design Course

Docker Basics Unleashed