

SANTHOSH V

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Professional Summary

Computer Science and Engineering undergraduate specializing in Cloud Computing, with hands-on experience in AWS, Java, Python, SQL, Docker, Linux, and CI/CD. Experienced in software development, building backend systems, REST APIs, scalable cloud-native applications, serverless architectures, and automation pipelines.

Education

R.M.D Engineering College

B.E. Computer Science and Engineering, specializing in Cloud Computing (Honors)

Sep 2023 – May 2027

CGPA: 7.59/10.0

Elite Matric. Hr. Sec. School

Higher Secondary (12th Grade)

March 2023

Percentage: 69%

Elite Matric. Hr. Sec. School

Secondary School (10th Grade)

March 2021

Percentage: 100%

Experience

Software Intern – Ziffity Solutions Pvt. Ltd.

Jun 2026 – Jul 2026

- Developed and containerized a Flask application using Docker to support consistent application deployment.
- Implemented a CI/CD workflow covering build, containerization, and AWS deployment.
- Worked with deployment configuration and application troubleshooting to support the delivery workflow.

Projects

Serverless Personal Cloud Storage Platform | AWS Cognito, API Gateway, AWS Lambda, Amazon S3, AWS Amplify

- Developed a serverless cloud storage application using React and AWS services, implementing 4 API endpoints for file upload, listing, download and deletion.
- Integrated Amazon Cognito with API Gateway and AWS Lambda to authenticate users and authorize file operations.
- Implemented secure file storage using a private Amazon S3 bucket and pre-signed URLs for uploads, downloads and file sharing.
- Tested API requests, authorization and error scenarios using Postman to validate file operations and backend responses.
- Deployed the frontend using AWS Amplify and integrated it with the serverless backend.

URL Shortener SaaS | Python, Flask, MySQL, REST APIs

- Developed a Flask-based URL shortening application backed by MySQL to generate and manage short URLs.
- Implemented URL validation, duplicate handling and database operations to manage link creation requests reliably.
- Built 3 core features: short-link generation, click analytics and configurable link expiration.
- Implemented database-driven URL mapping and request handling to redirect users to original URLs and track link activity.
- Tested API responses, invalid inputs, duplicate URLs and expired-link scenarios, and deployed the application for cloud-based access.

Skills

Programming: Java, Python, SQL

Backend & Databases: Spring Boot, Flask, REST APIs, MySQL, Supabase

Cloud & DevOps: AWS, Google Cloud, Docker, Linux, GitHub Actions, CI/CD

Core CS: OOP, Data Structures and Algorithms, DBMS, Operating Systems

Tools & Platforms: Git, GitHub, Postman

AI-Assisted Development: Claude Code, GitHub Copilot, Antigravity, Kiro

Certifications

- AWS Certified Cloud Practitioner – **AWS Training and Certification**
- ServiceNow Certified System Administrator (CSA) – **ServiceNow**
- ServiceNow Certified Application Developer (CAD) – **ServiceNow**
- Introduction to Linux – **The Linux Foundation**
- Google Cloud Computing Foundation Certificate – **Google Cloud**

Achievements

- First Place in Grand Prix of Code – PROTOCOL'26 held at Sri Venkateswara College of Engineering.
- Second Place in SQL Query Contest held at RMK Engineering College.
- Successfully completed the AWS re/Start Cloud Practitioner Program, secured 99% (Grade A+) in the Skill Competency Assessment conducted by TN Skill Corporation, Government of Tamil Nadu.
- Solved 1300+ coding problems in Skill Rack platform.