Latchireddy Gopal Satya Saideep

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Summary

I am a third-year BTech student specializing in Computer Science and Engineering with a strong foundation in Java, computer networks, and operating systems. I am a **Red Hat Certified System Administrator** and have expertise in **AWS Cloud** Technology. Additionally, I am expanding my skills in **DevOps**, focusing on automation, cloud infrastructure, and CI/CD practices to enhance software deployment and system reliability. I also have a basic understanding of **Google Cloud**, including its core services and cloud deployment models.

Skills

- **Cloud Technologies:** Hands-on experience with AWS services, focusing on cloud computing, storage, and networking. Currently learning cloud security, scalability, and deployment strategies.
- **DevOps:** Understanding of CI/CD pipelines, automation, and infrastructure as code (IaC) for efficient deployment. Exploring containerization and orchestration tools to streamline software development.
- **Google Cloud (Basics):** Familiar with fundamental Google Cloud concepts, including virtual machines, cloud storage, and identity management. Understanding of cloud deployment models and security best practices.
- **Networking:** Familiar with fundamental networking concepts, including TCP/IP, subnetting, and routing. Knowledge of network security, firewalls, and VPNs for secure data transmission.
- **Operating Systems:** Skilled in Linux-based environments, including system administration and shell scripting. Knowledge of process management, file systems, and OS-level troubleshooting.
- **Programming Languages:** Proficient in Java and C++ with a strong grasp of object-oriented programming (OOP). Experienced in developing applications, debugging, and optimizing code for performance.

Education

Bachelor of Technology (BTech) in Computer Science and Engineering   **CGPA 8.41**
Aditya College of Engineering and Technology (affiliated by JNTUK University), Surampalem.
(Expected Graduation: 2026)

Higher Secondary Education (11th and 12th)   **Percentage 88%**
Prathibha Junior College, Rajahmundry.
2022

Projects

SECURE VPC CONNECTION
- Developed a secure network architecture within AWS to ensure secure access to VPC resources. The project involved the creation of a Virtual Private Cloud (VPC) with both public and private subnets.

LEADERBOARD APPLICATION
- Created a leaderboard application to rank individuals based on the number of coding problems they solved, using Java for backend logic and MySQL for database management. LINK

CHATBOT USING OPENROUTE API
- Developed a chatbot that provides route and navigation assistance using the OpenRoute API. Implemented API integration to fetch and display optimized routes based on user input. LINK

Courses and Certifications

- Certified as Red Hat Certified System Administrator.   Badges Link
- Certified as IT Specialist in Java.
- Certified as IT Specialist in Python.
- Certified as IT Specialist in HTML and CSS.
- Docker Essentials: A Developer Introduction.
- IT Academy: Cloud and Virtualization Concepts

Languages

- English
- Hindi