

CHOPPA ABITHA

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PROFILE

A passionate and detail-oriented **AWS Cloud and Software Developer** with hands-on experience in designing, developing, and deploying scalable applications using Proficient in **AWS, Docker, and modern DevOps practices**, Proficient in Python, CI/CD, and cloud-native development with strong problem-solving skills and a passion for building efficient solutions.”

EDUCATION

- Siddharth Educational Academy Group Of Institutions** Tirupati, Andhra Pradesh, India
• *Bachelor of Technology (B.Tech) in Computer Science; CGPA: 7.8* 2021 - 2025
- NRI Junior College** Tirupati, Andhra Pradesh, India
• *Intermediate in MPC; GPA: 9.45* 2019 - 2021
- ZP high School** Obulavaripalli, Andhra Pradesh, India
• *SSC; CGPA: 9.7* 2018 - 2019

SKILLS

- **Languages:** Python , HTML, CSS
- **Tools:** Git, GitHub, GitHub Actions, VS Code, Terraform
- **AWS Services:** IAM, VPC, EC2, CloudWatch, CodePipeline, S3, Lambda Versioning
- **Concepts/Practices:** CI/CD, Infrastructure as Code (IAC)
- **Databases/OS:** SQL
- **Soft Skills:** Leadership, Problem Solving, Event Management, Time Management.

EXPERIENCE

- Rooman Technologies**
• *Cloud Application Developer Intern* Feb 2025 - May 2025
 - Completed a certified Devops internship on Developed and maintained CI/CD pipelines using GitHub Actions and Docker to automate build, test, and deployment processes.
 - Deployed and managed cloud infrastructure on AWS, improving application scalability and reliability.
- Skill Dzure**
• *Cyber Security Intern* Feb 2025 - April 2025
 - Assisted in monitoring network traffic and analyzing system logs to detect suspicious activity, contributing to proactive threat detection and incident response.
 - Supported the implementation of basic security measures such as password policies, firewall rules, and user access controls to strengthen system protection.

PROJECTS

- **AI-Driven Customized cyber security training and awareness:** Contributed to the development of a NIST-compliant cybersecurity web application focused on implementing robust encryption and decryption protocols to protect sensitive data. Gained hands-on experience performing vulnerability assessments, conducting threat monitoring, and supporting incident response efforts. Applied secure coding practices to enhance application security and collaborated with the team to ensure compliance with industry cybersecurity standards and best practices.
- **Docker :** Build a Dockerfile for deploying a simple Ruby on Rails application with PostgreSQL DB enabled. Application and DB should run on different containers.
- **Easy Shopping- Full-Stack E-commerce Web Application :** Developed a responsive e-commerce platform enabling users to browse products, manage carts, and complete secure transactions. Implemented user authentication and payment gateway integration to ensure secure and personalized shopping experiences
- **Community Service Project On Disha App :** Contributed to the development and promotion of the Disha app.Assisted in user outreach, feedback collection, and testing to improve app functionality and user experience.

CERTIFICATES

- NPTEL Certified in Cloud Computing, Deep learning, IOT, Software Testing, Basic Environmental Engineering and Pollution Abatement
- Introduction to AWS Cloud Careers by Edx
- TCSionEdge-youngprofessions

INTERESTS

- Writing Articles and Community Service
- Tech blogging and open-source contributions