

Chandra Sekhar Naidu

Technical skills

- Programming: Python
- SQL
- Version Control: Git, GitHub
- System Administration: Linux
- CI/CD Tools: Jenkins, GitHub Actions
- Infrastructure as Code: Terraform, Ansible
- Monitoring Tools : Prometheus and Grafana
- Cloud Platforms: AWS (S3, EC2, IAM, Lambda)
- Containerization & Orchestration: Docker, Kubernetes

Academic Projects

Finance Me – DevOps Implementation

- Built and deployed a Spring Boot microservice for financial transactions.
- Implemented CI/CD automation using Jenkins, Git, and Docker.
- Used Kubernetes for containerized application deployment and scaling.
- Automated infrastructure provisioning using Terraform and Ansible.
- Configured Prometheus and Grafana for real-time monitoring.

Healthcare Project – Medicure

- Developed and deployed a Spring Boot microservice with AWS RDS (MySQL).
- Implemented CI/CD pipelines using Jenkins, Git, and Maven for automation.
- Containerized the application using Docker and deployed it with Kubernetes.
- Automated infrastructure setup using Terraform, CloudFormation, and Ansible.
- Set up monitoring with Prometheus and Grafana for system health tracking.

Cloud-Based Android Chatting Application

- Designed and implemented a secure chat application supporting real-time messaging and group communication.
- Integrated end-to-end encryption for secure data transfer.
- Utilized Java and Python for backend development and Firebase for real-time database functionality.

Internship & Training (6 Months)

- Hands-on experience building automated pipelines using Jenkins and GitHub Actions.
- Proficient in container management with Docker and orchestration using Kubernetes.
- Developed infrastructure-as-code templates with Terraform and CloudFormation for automated cloud provisioning.
- Automated multi-system software setup using Ansible for enhanced configuration management.

Certifications

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| • Cisco IT Essentials | - Learned computer hardware, software, networking, and security fundamentals. |
| • Cisco Introduction to Networks | - Gained knowledge of networking basics, including IP addressing, routing, and switching. |
| • Cisco Python Essentials | - Learned Python programming, covering syntax, data structures, and scripting. |
| • Cisco Linux Essentials | - Gained hands-on experience with Linux commands, file systems, and basic system administration. |

Soft Skills

- Effective Communication and Collaboration
- Strong Problem-Solving Abilities
- Adaptability to 24×7 Work Environments
- Patience and Tolerance

Education

- M.V.G.R College of Engineering
B-Tech in Computer Science Engineering
Completed: 2024 | CGPA: 7.1
- D.R. Junior College
Intermediate
Completed: 2020 | CGPA: 6.9
- Fort City School
10th
Completed: 2018 | CGPA: 9.0