



Chandra Sekhar Naidu

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Technical skills

- Networking: OSI model, TCP/IP, DNS, HTTP, VPN, NAT, CIDR, Firewalls, Load Balancers
- Cloud Platforms: AWS (EC2, S3, IAM, Lambda, RDS, VPC, Subnetting, Routing, DNS Management, Load Balancers)
- Infrastructure as Code (IaC): Terraform, Ansible, CloudFormation
- CI/CD Tools: Jenkins, GitHub Actions, Azure DevOps
- Containerization & Orchestration: Docker, Kubernetes
- Monitoring & Alerting: Prometheus, Grafana, CloudWatch
- Programming: Python, SQL
- Cloud Migration Strategies: Lift & Shift, Re-platforming, Re-architecting
- System Administration: Linux, Automation, Troubleshooting
- Security & Compliance: IAM Policies, Role-based Access Control (RBAC), Cloud Security Best Practices

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 – Medicare

- 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

- Cisco IT Essentials
- Cisco Introduction to Networks
- Cisco Python Essentials
- Cisco Linux Essentials

Soft Skills

- Effective Communication and Collaboration
- Strong Problem-Solving Abilities
- Adaptability to 24x7 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