CHETAN CHANDANE

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EDUCATION

Master of Science, Computer Science, Rochester Institute of Technology   **Dec 2025**
Relevant Coursework: Engineering Cloud Software Systems, Data Structure and Algorithms

Bachelor of Technology, Information Technology, Mumbai University   **May 2020**
Relevant Coursework: Networking & Cloud Computing, Operating Systems, Database Management

SKILLS

Languages/OS:	Python, Java, JavaScript, SQL, Bash, Shell, Linux/Unix, macOS
Databases:	MySQL, PostgreSQL, MongoDB, DynamoDB, S3, Aurora
AWS Services:	Lambda, EC2, CloudWatch, IAM, VPC, ELB, RDS, SNS, EKS, ECS, Fargate
DevOps:	Jenkins, Terraform, Kubernetes, GitHub, GitHub Actions, Docker, Helm, ArgoCD, Ansible, GitLab CI, Nginx, HashiCorp Vault
Monitoring:	Prometheus, Grafana, ELK, ServiceNow

EXPERIENCE

DevOps Engineer, Vodafone Intelligent Solutions, India   **Oct 2021 - Jun 2023**

- Developed and maintained **CI/CD** pipelines using **Jenkins** and **Azure DevOps**, supporting daily builds, test automation, and zero-downtime deployments; reduced release time by **40%**
- Automated routine DevOps tasks using **Bash** and **Python scripts**, including log rotation, service restarts, and backup scheduling, improving operational efficiency and reducing manual intervention by **35%**
- Performed routine **Linux system administration** tasks such as package updates, file permissions management, service restarts, and log monitoring, gaining confidence with command-line operations and basic troubleshooting
- Pioneered the automation of **AWS** infrastructure provisioning using **Terraform**, culminating in a **40%** reduction in manual configuration, and decreased deployment errors by **15%** across all environments
- Spearheaded the **containerization** of microservices for three development teams using **Docker** and **Kubernetes**, improving deployment consistency and reducing infrastructure provisioning time by **30%**
- Deployed Terraform with **AWS S3** and AWS **DynamoDB** for state locking, enabling 10 developers to simultaneously modify infrastructure code and cutting down deployment errors by **15%**
- Implemented a real-time **incident communication plan** integrating **Slack**, **ServiceNow**, and **AWS Lambda**, automating stakeholder updates every 15 minutes; decreased escalations by **20%** and improved overall transparency

RELEVANT PROJECT

Cloud Native AI-powered Nutrition Assistant

- Built a full-stack serverless application where users upload food images and receive real-time nutrition insights and personalized diet advice, processing over **1,000+ images** using AWS Rekognition, Nutritionix API, and OpenAI GPT
- Provisioned AWS infrastructure using **6+ reusable Terraform modules**, automating setup of Lambda, API Gateway, S3 (with CORS), DynamoDB, and IAM roles—reducing manual configuration by **80%**
- Achieved **100% zero-downtime rollouts** with GitHub-based CI/CD integrated across frontend (Amplify) and backend (Lambda/API Gateway), enabling rapid iteration and rollback support
- Secured user authentication with **AWS Cognito**, managing over **100+ test users** and storing custom profiles in DynamoDB with encrypted attributes and region-aware identity handling

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect - Associate