

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

Cloud:	Azure (Azure DevOps, Storage, AKS, VNET), AWS (Lambda, EKS, ECS, VPC, S3, IAM)
DevOps:	Terraform, Kubernetes, GitHub, Docker, Ansible, Helm, Nginx
CI/CD Tools:	Jenkins, GitLab CI, ArgoCD, Github Actions, CircleCI
OS/Languages:	Linux, Windows, Python, Golang, Javascript, SQL, Bash, Shell
Databases:	MySQL, PostgreSQL, MongoDB, CosmosDB, DynamoDB, S3, Aurora, Redis
Monitoring:	AWS CloudWatch, Prometheus, Grafana, ELK, ServiceNow
Certifications:	AWS Solutions Architect Associate, AWS Certified Cloud Practitioner

EXPERIENCE

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

- Ensured **99.9%** uptime for a real-time financial transaction microservice on **Azure Kubernetes Service (AKS)** by implementing Liveness & Readiness Probes, **automated failover strategies**, and **self-healing mechanism**
- Arranged infrastructure provisioning using **Terraform** with **Azure Storage** for state locking, enabling **10+** engineers to modify infrastructure simultaneously, reducing deployment errors by **15%**
- Implemented **CI/CD** pipelines using **Jenkins**, **Azure DevOps**, and **Git** reducing deployment time by **40%** and enabling automated rolling deployments with zero downtime
- Spearheaded the **containerization** of microservices for three development teams using **Docker** and **Kubernetes**, improving deployment consistency and reducing infrastructure provisioning time by **30%**
- Led **Kubernetes** adoption, optimizing cluster resource allocation for improved **scalability**, reducing cloud **infrastructure costs** by **20%**, and enhancing **operational efficiency** across 3 development teams
- Optimized cloud security & networking by designing and managing **AWS VPCs**, **Load Balancers (ALB/NLB)**, and **IAM** policies, improving traffic efficiency and security posture by **25%**
- Led Incident Response for critical production incidents in a **high-traffic financial environment**, ensuring **99.9%** availability, minimizing business impact, and streamlining incident management by integrating **Jira**, **ServiceNow**, and **Azure DevOps** for automated ticketing, tracking, and resolution workflows

RELEVANT PROJECT

Cloud Native Web Application

- Orchestrated the deployment of a resilient three-tier **DevSecOps** web application on **AWS EKS**, leveraging **IaC**, achieving a **99.99%** uptime and zero critical security vulnerabilities post-deployment
- Provisioned AWS infrastructure using **Terraform**, automating EKS, IAM, ECR, S3, DynamoDB, and EC2 setup, cutting deployment time by **75%**
- Automated a **GitOps**-driven CI/CD pipeline using **Jenkins** and **ArgoCD**, integrating security scanning tools (**Trivy**, **SonarQube**) to ensure secure, compliant deployments, reducing manual effort by **60%** and security risks by **30%**
- Formulated centralized monitoring with **Prometheus** & **Grafana**, visualizing real-time application health metrics and improving incident response time by **40%**
- Forged a GitOps pipeline leveraging **ArgoCD**, decreasing application deployment times by **70%** and enabling continuous delivery for all **Kubernetes** applications, leading to zero production downtime incidents
- Revamped AWS infrastructure using sophisticated **load balancing** and **EKS node auto-scaling**, increasing application performance scores by **38%** while concurrently trimming infrastructure costs by **15%**