CHETAN CHANDANE

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EDUCATION

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

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

SKILLS

Languages/OS:	Python, Golang, Javascript, SQL, Bash, Shell, Linux/Unix, macOS
Databases:	MySQL, PostgreSQL, MongoDB, Aurora, Redis
AWS Services:	Lambda, EC2, S3, CloudWatch, IAM, VPC, ELB, RDS, SNS, EKS, ECS, Fargate
DevOps:	Terraform, Kubernetes, GitHub, GitHub Actions, Docker, Helm, Jenkins, ArgoCD, Ansible, CircleCI, GitLabCI, HashiCorp Vault
Monitoring:	Prometheus, Grafana, ELK, ServiceNow
Certifications:	AWS Solutions Architect Associate, AWS Certified Cloud Practitioner, IBM Intro to DevOps

EXPERIENCE

Graduate Research Assistant, Rochester Institute of Technology   **Dec 2024 - Present**

- Created customized Python scripts to handle 1000+ target databases and experimental inputs, facilitating scalable and reproducible mass spectrometry analyses
- Developed and managed Bash scripts to automate Python-driven proteomics workflows on HPC clusters, achieving enhanced operational efficiency and cutting manual tasks by 100%

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

- Automated ServiceNow CI/CD pipelines using GitHub Actions and Jenkins, reducing manual deployment errors by 95% and cutting release cycle time by 67%
- Developed 30+ automation scripts to eliminate manual tasks, including deleting thousands of notification emails, reducing clutter and improving efficiency by 70%
- Resolved 600+ ITSM incidents, reducing mean time to resolution (MTTR) by 45% and preventing 20+ recurring outages with proactive root cause analysis
- Built real-time monitoring dashboards that improved issue detection speed by 60%, while increasing SLA compliance from 80% to 98%
- Streamlined incident management by conducting detailed post-mortems and contributing to on-call rotations, improving response times by 15% and resolution time by 30%
- Implemented ServiceNow-JIRA integration, automating issue tracking and change management, reducing resolution time by 30% & improving cross-team collaboration

RELEVANT PROJECT

Cloud Native Web Application   **Jan 2025**

- Automated infrastructure provisioning using Terraform, reducing environment setup time by 50% and ensuring consistent deployments across development environments
- Designed and deployed a scalable Node.js application on Amazon ECS with Fargate, achieving 99.9% uptime
- Implemented a GitLab CI/CD pipeline with Terraform integration, enabling automated infrastructure updates and reducing deployment time by 40%
- Configured AWS CloudWatch and SNS for monitoring and alerting, improving incident response times by 30% and ensuring high availability
- Secured the application using Terraform-managed IAM roles, VPC configurations, and encrypted ECR repositories, reducing potential vulnerabilities by 35%