

Chandar Rath

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PROFESSIONAL SUMMARY

Cloud infrastructure and DevOps specialist with extensive experience in AWS services, automation, and containerization. Strong background in developing and deploying scalable, secure cloud solutions with proven ability to optimize system performance and reduce costs. Experienced in collaborative environments with excellent communication skills and a passion for continuous learning.

EDUCATION

California State University <i>Master's in Computer Science</i>	Fullerton, CA <i>Jan. 2024 – Dec 2025</i>
Gujarat Technological University <i>Bachelor's in Computer Science</i>	Gujarat, IND <i>Aug 2019 – May 2023</i>

EXPERIENCE

Software Engineer <i>Blue Data IT Services</i>	Jan 2023 – Nov 2023 India
<ul style="list-style-type: none">Developed and deployed microservices using Spring Boot framework, improving API response time by 30% through efficient database queries and cachingImplemented CI/CD pipelines with AWS CodePipeline & Jenkins, automating testing and deployment, reducing release time by 80%Containerized applications with Docker and orchestrated deployments using Kubernetes, increasing system reliability by 35%Deployed and managed cloud infrastructure on AWS (EC2, S3, RDS, Lambda), cutting costs by 40% through optimized resource allocationDeveloped Infrastructure as Code (IaC) scripts using Terraform, automating cloud provisioning and reducing setup time by 50%Integrated monitoring and alerting with AWS CloudWatch, reducing system downtime by 30% through proactive issue resolution	

PROJECTS

StreamFlow: Automated Data Pipeline <i>MERN, AWS, Terraform</i>	Remote
<ul style="list-style-type: none">Identified critical data processing bottlenecks affecting business analytics speed and decision-making processesArchitected an AWS-based ETL pipeline using S3, Lambda and Glue to streamline data flow between disparate systemsImplemented infrastructure-as-code with Terraform and automated CI/CD workflows with GitHub ActionsDeveloped monitoring dashboards with Prometheus/Grafana for real-time visibility into pipeline performanceReduced data processing time by 60% and decreased infrastructure costs by 40% through cloud optimization	
Cloud Security Automation <i>AWS, Python, IAM</i>	AWS Deployed
<ul style="list-style-type: none">Designed and implemented automated security compliance checks for AWS environments using Python and AWS SDKCreated IAM roles and policies following the principle of least privilege for secure AWS resource accessDeveloped scripts to automate SSL certificate deployment and rotation across multiple servicesImplemented AWS CloudWatch alarms and event-driven Lambda functions for automated incident responseAutomated secure VPC configuration with proper subnet isolation and security groups	

TECHNICAL SKILLS

Cloud & DevOps: AWS, Jenkins, Terraform, Ansible, Docker, Kubernetes
Tools & Technologies: Git, GitHub, Prometheus, Grafana, Bash/Shell, Postman
Languages & Frameworks: Python, JavaScript, Next.js, Express.js
Databases & Systems: MySQL, MongoDB, Linux, UNIX
Other Skills: HTML/CSS, Agile, e-commerce, troubleshooting