

# NEERAJ KUMAR

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## CAREER SYNOPSIS

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Cloud & DevOps Engineer with 4.4 years of experience designing scalable cloud infrastructure, building CI/CD pipelines, automating deployments, and enabling high-availability systems on AWS. Strong expertise in containerization, Infrastructure as Code, observability, and production support. Proven ability to reduce deployment time, optimize system performance, and enhance reliability using modern DevOps tooling. Focused on automation, operational excellence, and continuous improvement. Also experienced in mentoring and training students as an AWS & DevOps trainer, successfully completing five batches.

## SKILLS SUMMARY

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- **Cloud & AWS Services** : EC2, VPC, IAM, S3, RDS, Lambda, ECR, ECS Fargate, EKS, CloudFront, ELB/ALB, CloudWatch, DynamoDB, SNS, API Gateway, CloudTrail, Route53, Auto Scaling
- **CI/CD & DevOps Tools**: Jenkins, GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy, Selenium, Git, GitHub, Bitbucket, Nexus/Artifactory
- **Infrastructure as Code (IaC)** : Terraform, Ansible, AWS CloudFormation.
- **Scripting & Automation** : Python, Bash, Shell scripting, Cron automation
- **DevSecOps & Security Tools** : SonarQube, Trivy, Snyk, OWASP Dependency Check, AWS Secrets Manager, IAM Security Hardening, CloudTrail, AWS Config, GuardDuty
- **Monitoring & Logging** : Prometheus, Grafana, CloudWatch Dashboards, ELK/Logstash, ALB/CloudFront logs
- **Other**: Nginx, Apache, Linux, Agile/Scrum, SDLC, DevSecOps Concepts

## PROFESSIONAL EXPERIENCE

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- **Genpact** **July 2023 - Present**  
*DevOps Engineer* *Bengaluru, Karnataka, India*
  - Built and governed AWS infrastructure leveraging EC2, VPC, S3, IAM, RDS, ALB, ECS & EKS.
  - Engineered scalable CI/CD pipelines with Jenkins, CodePipeline, CodeBuild, and GitHub Actions for microservices deployment.
  - Added security enforcement into CI/CD by integrating SonarQube & Trivy, enabling early vulnerability detection.
  - Orchestrated microservice deployments through Docker and Kubernetes (EKS).
  - Delivered automated rollouts via ECS Fargate and Kubernetes to ensure consistent, reliable production releases.
  - Automated end-to-end testing of web applications using Selenium WebDriver, improving test coverage and reducing manual regression by 40%, while integrating tests into the CI/CD pipeline for faster, reliable deployments.
  - Established Kafka-based event streaming, cutting service-to-service latency by 30%.
  - Developed modular Terraform templates for provisioning VPC, Subnets, IGW, Route Tables, ECR repositories, and IAM roles, ensuring consistent and reusable infrastructure patterns.
  - Built CloudWatch dashboards and proactive alerts for latency, CPU, memory, and error trends.
- **Genpact** **Nov 2021 - July 2023**  
*Senior Associate - DevOps Engineer* *Bengaluru, Karnataka, India*
  - Administered AWS environments (EC2, RDS, S3, IAM) to maintain high availability for Unilever's production.
  - Deployed and tuned ELK Stack for centralized log visibility, improving MTTR by 40%.
  - Strengthened security posture through IAM hardening, CloudTrail governance, and S3/RDS policy optimization.
  - Created automation scripts in Bash and Python to eliminate repetitive operational efforts.
  - Delivered L2/L3 production support with detailed RCA to prevent issue recurrence.
  - Oversaw Git branching strategies and repository hygiene across teams.
- **Geekster** **April 2021 - Nov 2021**  
*Full Stack Development Trainee* *Gurugram, Haryana, India*
  - Worked on building and enhancing frontend features using React.js and collaborated with backend teams to integrate APIs and fix issues in real-time. Assisted in testing, debugging, and improving application performance.

ADDITIONAL EXPERIENCE

AWS & DevOps Trainer (Part-Time) — Jan 2024 – Present Online Training - HyperTech ( [View](#) )

- Delivered AWS & DevOps training for 5 successful batches, covering AWS Cloud, Git, Linux, Docker, Kubernetes, CI/CD, Terraform, and Monitoring.
- Designed hands-on project-based modules including cloud deployments, automation workflows, and Kubernetes workloads.
- Mentored 150+ learners and conducted mock interviews, doubt sessions, and assessments.
- Guided students in building end-to-end CI/CD pipelines and real-time DevOps projects on AWS.

PROJECTS

Full-Stack CI/CD Pipeline & Orchestration

- Designed a production-ready microservices architecture using **Docker** for containerization.
- Added basic DevSecOps checks (static analysis and container image scanning) into CI/CD workflows to ensure secure deployments.
- Automated deployments to **Minikube** & **EKS** clusters using Helm Chart, simulating production environments with Kubernetes objects.

EDUCATION

- **MRSPTU:** *Bachelor of Technology - Computer Science Engineering* April 2021

CERTIFICATION

- **AWS Certified Cloud Practitioner** ( [View](#) )
- **AWS Certified Developer – Associate** ( [View](#) )
- **AWS Certified Developer - Associate (DVA-C02) Cert Prep** ( [View](#) )
- **Java Basic skill certificaion - HackerRank** ( [View](#) )
- **SQL Basic C - HackerRank** ( [View](#) )
- **Salesforce Certifications** ( [View](#) )