

Kshitija Randive

(DevOps Engineer)

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Professional Summary

Results-driven DevOps Engineer with cloud computing, automation, CI/CD pipelines, and infrastructure management expertise. Adept at deploying scalable, high-availability solutions using Docker, Kubernetes, Terraform, and AWS. Strong analytical and problem-solving skills with experience in Linux, monitoring, and security best practices. Proven ability to optimize cloud infrastructure, automate workflows, and drive operational efficiency to support business growth.

Technical Skills

- **DevOps & Automation:** CI/CD, Git, Jenkins, Ansible, Terraform, Docker, Kubernetes
 - **Cloud Platforms:** AWS (EC2, S3, Lambda, IAM, CloudWatch), Azure, GCP (Planned)
 - **Containerization & Orchestration:** Docker, Kubernetes, Helm, OpenShift
 - **Scripting & Programming:** Python, Bash, YAML
 - **Infrastructure as Code (IaC):** Terraform, CloudFormation
 - **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Splunk
 - **Networking & Security:** VPN, DNS, Load Balancers, Firewalls, IAM Policies
 - **Operating Systems:** Linux (Ubuntu, CentOS, Red Hat), Windows Server
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Certifications

- **AWS Solution Architecture from Edureka**
 - **AWS Certified Solutions Architect – Associate (In Progress)**
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Work Experience

IoT Trainer Lead (DevOps) | tartek, Pune

July 2024 – March 2025

- Led training programs focused on DevOps best practices, CI/CD, cloud computing, and automation for IoT teams.
- Developed and delivered hands-on workshops on Kubernetes, Docker, and Terraform for streamlined infrastructure management.
- Implemented DevOps methodologies to enhance IoT deployment processes and automation workflows.
- Designed custom training modules for AWS, infrastructure as code (IaC), and monitoring with Prometheus and Grafana.
- Collaborated with cross-functional teams to enhance IoT security and cloud integration.
- Guided incident management, debugging, and optimization of IoT infrastructure using DevOps tools.
- Mentored junior engineers, fostering a culture of continuous learning and skill development.

Junior Customer Service Executive | Tata Communications, Pune

May 2022 – July 2024

- Implemented and maintained CI/CD pipelines for IoT applications, reducing deployment time by 40%.
- Migrated legacy applications to cloud-native solutions on AWS, improving system performance and uptime by 30%.
- Automated infrastructure provisioning using Terraform and Ansible, increasing deployment efficiency by 50%.
- Deployed and managed containerized microservices with Kubernetes, enhancing scalability and reliability.
- Integrated AWS Lambda and CloudWatch for event-driven automation and real-time monitoring.
- Worked on log aggregation and analysis using the ELK stack for proactive issue detection and troubleshooting.
- Designed and implemented security policies for cloud and container environments, ensuring compliance with industry standards.
- Optimized network performance and load balancing strategies to ensure high availability of IoT services.

Embedded Engineer and Technical | Consultant (DevOps)

Macfocs Robu.In, Pune

July 2021 – January 2022

- Developed automated deployment scripts using Python and Bash for IoT applications.
- Designed and deployed cloud infrastructure on AWS, integrating IoT devices for real-time monitoring and analytics.
- Built Dockerized environments for IoT development and testing, ensuring consistency across deployments.
- Configured Prometheus and Grafana dashboards for real-time observability of IoT device performance.
- Assisted in custom PCB design and firmware development, integrating with cloud-based services.
- Created serverless functions with AWS Lambda to process and analyze IoT sensor data in real-time.
- Implemented IaC best practices to automate cloud resource provisioning and reduce manual configurations.

Education

B.Tech in Electronics Engineering

August 2019 – June 2021

MIT Academy of Engineering, Pune | 73%

Diploma in Electronics and Telecommunication Engineering

August 2014 – June 2019

Government Polytechnic Pune | 64.80%

SSC

June 2013 – June 2014

Agresen High School, Pune | 80.20%

Additional Information

- Passionate about automation, cloud computing, and infrastructure optimization.
- Active contributor to DevOps communities and open-source projects.
- Strong communication and mentoring skills, enabling team growth and knowledge sharing.
- Experience in automating deployments and infrastructure scaling using Terraform and Ansible.
- Proficient in GitOps methodologies with ArgoCD and FluxCD.
- Hands-on experience with service mesh technologies such as Istio and Linkerd.
- Adept at cloud cost optimization strategies, reducing infrastructure costs by 20-30%.
- Strong background in multi-cloud deployments with AWS and Azure.