# Roshan Raut DevOps Engineer

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in https://www.linkedin.com/in/roshan-raut-devops-engineer/

🔗 https://www.credly.com/users/roshan-raut.1f5b8eb4/badges

Credly https://www.credly.com/users/roshan-raut.c7adae1a/badges  📄 HSM Visa

## Profile

Forward-thinking DevOps Engineer with strong expertise in CI/CD, Build Engineering, and Release Management across enterprise applications. Skilled in AWS and Azure cloud platforms, containerization with Docker, and managing Kubernetes clusters for scalable deployments. Experienced in end-to-end code configuration, artifact build/release, and automated deployments in dynamic, fast-paced environments. Adept at optimizing pipelines, ensuring reliability, and driving cloud-native transformation.

## Professional Experience

**DevOps Engineer**
Fugro Innovation & Technology B.V
02/2024 – Present | Nootdorp, Netherlands

- Member of DevTools team, managing central platforms (GitHub, Jira, Asana, Figma) and enabling developer productivity.
- Built and maintained Terraform modules and custom GitHub Actions for multi-team infrastructure and CI/CD automation.
- Created GitHub repository templates for multiple programming languages and managed GitHub runners across teams.
- Designed, deployed, and managed EKS/AKS clusters, handling upgrades, feature enablement, and monitoring integrations.
- Deployed and operated self-managed Grafana on EKS; onboarded teams for logs, dashboards, AWS Lambda, and API Gateway monitoring.
- Accelerated CI/CD adoption and AWS migration projects via GitHub workflows, Terraform/Terragrunt, and application containerization.

## Education

**Bachelor of Engineering: Electrical Engineering**
University of Pune
08/2010 – 05/2014

**Higher Secondary Education: Science Education**
Mudhoji High School and Junior College - Phaltan, Maharashtra
06/2008 – 06/2010

## Skills

**Programming & Development**
Python, Django REST Framework (DRF), Django, Java

**Containerisation & Orchestration**
Kubernetes, Docker, Helm

**Cloud Platforms and Infra Automation**
Amazon Web Services (AWS), Microsoft Azure, Terraform, Terragrunt, AWS cdk

**DevOps & CI/CD**
GitHub, GitHub Actions, GitHub Runners, GitHub Copilot, Jenkins, Grafana, SonarQube, Git, Bitbucket, GitLab

**Monitoring & Visualisation**
Grafana, Power BI, Prometheus, ELK

**Project Management & Methodologies**
Jira, Confluence, Agile, SAFe, Asana

**Operating Systems**
Linux, Windows, macOS

- Contributed to organizational AI initiatives, enabling GitHub Copilot, Cloud Code in IDEs, and exploring AWS Bedrock for AI-driven development.

**DevOps Engineer**
CGI Inc.
11/2021 – 01/2024 | Rotterdam, Netherlands
- Developed Power BI reports integrated with Azure Cost Management for cloud cost analysis.
- Built Jenkins shared libraries to streamline CI/CD across multiple projects.
- Created AWS Lambda functions for automated end-to-end testing.
- Automated Release & Change Management workflows via custom functions integrated with Digital ai Release tool.

**Software Engineer**
Tech Mahindra
05/2019 – 10/2021 | Den Haag, Netherlands
- Designed and developed Python microservices (DRF) for the "Digital Engine" API on AWS EKS clusters, bridging telco legacy systems with digital channels.
- Delivered end-to-end software lifecycle: feature development, builds, deployments, and code reviews.

**Software Engineer**
Tech Mahindra
05/2016 – 04/2019 | Pune, India
- Developed and maintained applications for KPN Diagnostics, using Java, Perl, and XML to support telecom customer troubleshooting.
- Built tools improving efficiency of client-side support applications.

## Declaration

I hereby declare that the information provided in this resume is true and correct to the best of my knowledge and belief.

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**Roshan Raut**
Voorburg

## Languages

- English
- Hindi
- Marathi

## Certificates

- Astronomer Certification for Apache Airflow 3 Fundamentals
- NVIDIA AI for All: From Basics to GenAI Practice
- Microsoft Azure DevOps Engineer Expert (AZ-400)
- Microsoft Azure Administrator Associate (AZ-104)
- Microsoft Certified Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- HashiCorp Certified Terraform Associate
- Certified Kubernetes Application Developer (CKAD)
- AWS certified solutions architect – Associate
- DAT201x Querying Data with Transact-SQL – Microsoft
- DAT207x: Analyzing and Visualizing Data with Power BI – Microsoft.

## Interests

- Playing Cricket
- Sketching and Painting
- Cooking