

Ashutosh Rana

DevOps Engineer

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CAREER OBJECTIVE

Motivated Computer Science graduate with hands-on experience in AWS, Linux administration, Python scripting, SQL databases, CI/CD pipelines, and containerization using Docker and Kubernetes. Strong understanding of automation, cloud infrastructure, and DevOps practices to improve deployment efficiency and system reliability.

SKILLS

- **Programming & Scripting:** Python, Shell Scripting (Bash)
- **Cloud Computing:** AWS (EC2, S3, IAM, SNS, Lambda, CloudWatch, VPC)
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** Oracle SQL
- **Version Control:** Git, GitHub
- **CI/CD Tools:** Jenkins
- **Build Automation:** Maven
- **Infrastructure as Code:** Terraform
- **Containerization & Orchestration:** Docker, Kubernetes
- **Operating System:** Windows, Linux
- **Monitoring Tools:** Grafana, CloudWatch

EDUCATION

- **B.Tech in Computer Science and Engineering**
Roland Institute of Technology
◦ CGPA: 8.35
Berhampur, Odisha
Aug 2021 - May 2025

PROJECTS

- **Project A: CI/CD Pipeline with Jenkins, Apache Tomcat, and Nexus on AWS**
Built an automated CI/CD pipeline using Jenkins, Git, Maven, and Nexus, automating 75% of the build and release process.
- **Project B: Deploying a Full-Stack Web Application with MySQL using Docker Containerization**
Deployed a full-stack app with MySQL in Docker containers, reducing environment issues by 70%.
- **Project C: AWS Cloud Infrastructure Deployment**
Deployed a web app on AWS EC2 with S3 and IAM, improving performance by 50% and reducing manual setup by 40%.

INTERNSHIPS AND TRAINING

- **Cloud Virtual Internship**
Oct 2023 - Dec 2023
aws academy
- **Python Full Stack - Professional Course**
Feb 2025 - Present
PySpiders, Bengaluru
- **Aws and Devops - Professional Course**
June 2025 - Present
PySpiders, Bengaluru

CERTIFICATION

- **Oracle Cloud Infrastructure 2025 – AI Foundations Associate**
Issued Aug 2025 – Valid till Aug 2027
Oracle University