

Faizal Bagwan

Cloud & DevOps Engineer (Associate Trainee)

Motivated and result-oriented Computer Science graduate with hands-on experience in AWS, CI/CD automation, DevOps tools, and Linux systems. Skilled in Docker, Jenkins, Git, and Shell scripting with a strong focus on automating deployments, integrating security checks, and optimizing build pipelines. Passionate about cloud technologies, DevOps practices, and continuous learning.



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Pune



WORK EXPERIENCE

Associate Trainee

i3 Marketing Solutions Pvt Ltd

05/2025 - Present

Pune

Achievements/Tasks

- Assisted in deploying a 3-tier web application across AWS (EC2, RDS, S3).
- Containerized application components using Docker and maintained images in a private repository.
- Integrated DevOps tools such as Jenkins, SonarQube, Nexus, and Trivy into CI/CD workflows.
- Implemented security scanning using Trivy for image vulnerability detection.
- Supported the creation of DevSecOps pipelines with automated code quality and security checks.
- Delivered stable GPU-enabled Docker setups for ML inference and internal research workloads.
- Worked on Linux-based environments (Ubuntu, CentOS) for deployment and troubleshooting.
- Created isolated environments to eliminate library conflicts and improve deployment reliability.



PROJECTS

ML Inference Deployment System

- Tools: Docker, FastAPI, Python, CUDA/cuDNN.
- Containerized ML inference models with GPU support.
- Implemented dynamic model selection using environment variables.
- Focused on reliability, security, and GPU runtime stability.

3-Tier Web Application Deployment (AWS + DevOps)

- Tools & Technologies: AWS (EC2, RDS, S3), Jenkins, Docker, SonarQube, Nexus, Git
- Deployed a 3-tier application (frontend, backend, database) using AWS services.
- Integrated SonarQube for static code analysis and Nexus for artifact management.
- Containerized applications using Docker and stored images in a private repository.

DevSecOps Pipeline Integration

- Tools & Technologies: Jenkins, Docker, SonarQube, Trivy, Nexus
- Implemented a DevSecOps pipeline embedding security into CI/CD workflows.
- Used Trivy for container image scanning to identify vulnerabilities.
- Enhanced deployment security through integrated code and image analysis.

Web-based Application for Car Reselling (Academic Project)

- Tools & Technologies: HTML, CSS, PHP, MySQL
- Developed a web-based car reselling platform with a user-friendly dashboard.
- Integrated a user-friendly interface to add, edit, and delete tasks.
- Focused on secure and dynamic web functionality using PHP-MySQL integration.



EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

Pune University

06/2023 - 04/2025

Pune



TECHNICAL SKILLS

Cloud Platform:

AWS (EC2, S3, VPC, IAM, RDS, ECR)

DevOps Tools:

Jenkins, SonarQube, Nexus, Trivy, Docker, Kubernetes

Build & Source Control:

Git, GitHub, Gitlab

Programming & Scripting:

Python, Shell Scripting

Operating Systems:

Linux (Ubuntu, CentOS), Windows

CI/CD & Security:

CI/CD Pipeline Design, Code Quality Analysis



CERTIFICATES

Oracle Cloud Infrastructure – Certified Foundations Associate

Oracle Cloud Infrastructure – Certified DevOps Professional

Adobe Photoshop Certified



LANGUAGES

English

Limited Working Proficiency

Hindi

Limited Working Proficiency



INTERESTS

Cloud & DevOps Technologies, Open-Source Tools, Tech Tutorials, Photography & Videography