

PERINPARASA HARINTHER

DevOps Intern

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Professional Summary

Technical operations DevOps Engineer with foundation and practical experience in DevOps infrastructure and automation. Skilled in working with multi-functional teams to implement, test, maintain and deploy DevOps tools. Experienced in non-functional testing including fault tolerance and performance testing. Strong background in continuous integration and continuous delivery with proven ability to configure DevOps tools and monitor infrastructure. Seeking internship opportunities in DevOps to further enhance skills and contribute to innovative projects.

Education

London Metropolitan University, BEng (Hons) Software Engineering (Top-up)	Sep 2024 – Sep 2025
Pearson, BTEC Level 5 HND in Computing (RQF)	Jan 2021 – Aug 2024
• Achievement: First Class Honors	
• GPA: 3.75/4.0	

Projects

3-Tier GitOps Deployment Project	DevOps Portfolio
• Successfully deployed 3-Tier GitOps project with automated CI/CD pipeline using GitHub Actions, Docker, and ArgoCD for seamless integration with AWS EKS cluster	
• Built comprehensive automation pipeline for Node.js API and React client applications, implementing security scanning with gitleaks and Trivy	
• Achieved operational readiness through GitOps practices, maintaining application health monitoring and synced deployments with Docker Hub integration	
• Technologies: GitHub Actions, Docker, ArgoCD, AWS EKS, Node.js, React, Trivy, Gitleaks	
Microservices Online Boutique Deployment	GitHub
• Configured end-to-end CI/CD pipeline in Azure DevOps with integrated SonarQube for continuous code quality analysis	
• Containerized and orchestrated 10 microservices using Docker and deployed on Azure Kubernetes Service (AKS)	
• Deployed fully functional Online Boutique application with working cart, checkout, recommendation, and frontend services demonstrating real-world microservices architecture	
• Technologies: Azure DevOps, SonarQube, Docker, Kubernetes (AKS), Microservices Architecture	
Ultimate DevOps Monitoring Project	2024
• Designed and implemented automation-driven monitoring stack using Prometheus, Alertmanager, Node Exporter, and Blackbox Exporter for real-time metrics collection	
• Configured email notifications and dashboards to ensure proactive incident response, maintaining operational readiness	
• Performed root cause analysis and optimized system performance by integrating automated monitoring workflows	
• Technologies: Prometheus, Grafana, Alertmanager, Node Exporter, Blackbox Exporter	

Automated CI/CD Pipeline for Ekart Project

2024

- Developed automation-focused CI/CD pipeline for Java-based application using Jenkins, Git, Maven, SonarQube, Docker, Trivy, and Kubernetes
- Implemented automated testing, security scanning, and cloud-native deployments using Python and Bash scripting
- Applied continuous improvement practices through static analysis and vulnerability checks, ensuring fault tolerance
- **Technologies:** Jenkins, Git, Maven, SonarQube, Docker, Trivy, Kubernetes, Python, Bash

Technical Skills

Cloud Platforms: Microsoft Azure, AWS

Containerization & Orchestration: Docker, Kubernetes

CI/CD Tools & Workflow: Azure DevOps, GitHub Actions, Jenkins, GitLab CI

Infrastructure as Code: Terraform, CloudFormation, Ansible

Operating Systems & Scripting: Linux-based systems, Shell scripting, Bash automation, Python

Version Control & Collaboration: Git

Monitoring & Alerting: Prometheus, Grafana, Alertmanager, Node Exporter

Professional Competencies

- **Problem-Solving:** Proactive mindset with strong attention to detail for resolving deployment issues and operational challenges
- **Remote Collaboration:** Proven ability to communicate clearly and work effectively with distributed development teams
- **Platform Reliability:** Experience supporting platform scalability from development to production launch
- **Cost Optimization:** Focus on monitoring cost efficiency while maintaining system performance and reliability
- **Incident Management:** Strong incident response capabilities with emphasis on reducing operational risks
- **Developer Experience:** Dedicated to improving developer tooling and automating routine tasks for team efficiency

References

Viknaraj Manogararajah

Principal Engineer, IFS

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