

# PERINPARASA HARINTER

## Seeking Internships in DevOps

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🌐 <https://harrydevops1019.github.io/DevOpsPortfolio/>

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## ABOUT ME

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.

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## EDUCATION

### BEng (Hons) Software Engineering (Top-up) - Bachelor's Degree

London Metropolitan University

- First Class Honors
- GPA: 3.75/4.0

Sep 2024 – Sep 2025

### BTEC Level 5 HND in Computing (RQF)

Pearson

Jan 2021 – Aug 2024

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## PROJECTS

### 3-Tier GitOps Deployment Project

- 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 to ensure fault tolerance and performance optimization.
- Achieved operational readiness through GitOps practices, maintaining application health monitoring and synced deployments with Docker Hub integration.

### Ultimate DevOps Monitoring Project

- Designed and implemented automation-driven monitoring stack using Prometheus, Alertmanager, Node Exporter, and Blackbox Exporter for real-time metrics collection and alerting.
- Configured email notifications and dashboards to ensure proactive incident response, maintaining operational readiness and system performance testing.
- Performed root cause analysis and optimized system performance by integrating automated monitoring workflows with continuous improvement practices.

## Automated CI/CD Pipeline for Ekart Project

- Developed automation-focused CI/CD pipeline for Java-based application using Jenkins, Git, Maven, SonarQube, Docker, Trivy, and Kubernetes in agile environment.
- Implemented automated testing, security scanning, and cloud-native deployments using Python and Bash scripting, improving software delivery lifecycle efficiency.
- Applied continuous improvement practices through static analysis and vulnerability checks, ensuring fault tolerance and performance testing for enterprise applications

## Spring PetClinic App Deployment

- Automated deployment of Spring PetClinic to Apache Tomcat on AWS EC2 using Ansible configuration management tools and Bash scripts on Linux environments.
- Integrated GitLab CI for streamlined workflow management, ensuring consistent and efficient Java web application deployments with performance testing.
- Optimized deployment strategies to reduce manual intervention and minimize errors while maintaining fault tolerance across multiple nodes

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## SKILLS

### TECHNICAL SKILLS:

- **Cloud Platforms:** Microsoft Azure, AWS
- **Containerization & Orchestration:** Docker, Kubernetes
- **CI/CD Tools & Workflow:** GitHub Actions, Jenkins
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible
- **Operating Systems & Scripting:** Linux-based systems, shell scripting, Bash automation
- **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
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## **References**

### **Viknaraj Manogararajah**

Principal Engineer, IFS

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### **K. Mathushan**

Lead Software Development Engineer, BCS Technology

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## **Declaration**

I hereby declare that the information provided in this CV is true and accurate to the best of my knowledge.