DINUSH CHATHURYA

DEVOPS ENGINEER

CONTACT

 +44 7749719111

 dinushchathurya21@gmail.com

 dinushchathurya.me

 32, Lanseer Close, Edgware

EDUCATION

MSc Computer Science
York St John University

BSc(Hons) Software Engineering
University of Plymouth

SKILLS

Communication
Time Management
Leadership
Attention to Detail
Customer Focus
Teamwork

PRESENCE

LinkedIn
GitHub
NPM
Packagist
Stackoverflow
YouTube
Kaggle
Blog
ResearchGate

LANGUAGES

English

Sinhala

PROFILE

A Seasoned DevOps Engineer with a solid software engineering foundation, I'm committed to building scalable, resilient systems and fostering collaboration between development and operations. My passion for technology extends to open-source contributions, technical writing, and speaking engagements. Seeking a challenging career with a progressive organization, I thrive in dynamic environments, driving innovation and relentless pursuit of excellence alongside like-minded professionals

----

WORK EXPERIENCE

Senior DevOps Engineer

OpZQL Technologies   2023-06-01 to 2023-08-31

- Provided expert guidance and consulting services to clients, optimizing their software development and delivery processes by implementing DevOps best practices and tools
- Partnered with clients to tailor DevOps strategies and roadmaps, aligning them with business goals and technology stacks. This led to streamlined processes and optimized outcomes
- Responsible for automating the update and maintenance of WSO2 products to ensure efficient and error-free software upgrades while minimizing downtime
- Implemented automation scripts using Ansible to orchestrate WSO2 product updates across multiple servers, ensuring seamless and consistent upgrades while minimizing manual intervention

DevOps Engineer

Limark Technologies   2022-12-15 to 2023-05-31

- Implemented security and compliance controls in accordance with company policies
- Reduce the organization's total infrastructure cost by 30%
- Improved security posture by implementing vulnerability scanning with SonarQube
- Introduced and implemented GitOps-based DevOps practices within the organizations (Kustomize, ArgoCD)
- Documented all the DevOps processes in the organization
- Created training materials and conducted training sessions for other engineers
- Introduced and implemented cloud-native-based DevOps practices (Tekton) within the organization

Associate DevOps Engineer

Limark Technologies   2022-08-01 to 2022-12-15

- Created, managed, maintained, and monitored organization's and clients' Linux servers, Kubernetes clusters, Docker containers, and other AWS resources
- Automated deployment of applications to Kubernetes using Helm charts and Jenkins pipelines
- Automation of Java applications to achieve continuous integration and continuous delivery using CircleCI, Kustomize & Argo CD to Kubernetes
- Support the development infrastructure for our engineering team- staging environments, test environments, local development environments
- Improved security of Artifacts & Helm Charts by implementing container registries like Nexus
- leveraged infrastructure-as-code (IaC) tools like Terraform to automate the infrastructure setup and ensure consistency

Full-Stack Engineer

OREL IT   2021-04-23 to 2022-08-01

- Led the architecture and development of new web applications using the Laravel framework
- Worked on multiple legacy systems adding values according to the client's requirements
- Assisted the project manager in establishing the project plan by evaluating the workload and estimations
- Maintained and troubleshoot existing software by refactoring old code bases
- Proposed solutions and let the application of continuous integration or servers and automated testing and deployments

Software Engineer

Helium Solutions   2019-11-25 to 2021-04-03

- Designed, Developed, and Implemented web and mobile applications Laravel and Ionic frameworks
- Maintained and troubleshoot existing software
- Project Management and Client Serving
- Leading and mentoring a team of 3 members
- Responsible for technical support operations in high-volume, 24x7 environments
- Executed and managed large-scale social media campaigns to enhance brand visibility and engagement, employing data-driven strategies and analytics for optimal results

----

PROJECTS

- Mvola - Setup complete CI/CD process for one of the leading Fintech companies to automate the update and deployment process their WSO2 products
- Endowus - Led the comprehensive refactoring of a Scala-based CI/CD pipeline into a Spring Boot-based CI infrastructure, optimizing build and deployment processes for improved efficiency and reliability
- NDIS - Developed and implemented a secure and efficient E-ID system for the Sri Lankan government, ensuring seamless citizen identity management and authentication
- OREL Education - Developed and implemented a personalized interactive E-learning platform with an AI-powered course recommendation engine
- SmartLabel - Design and developed a workflow automation system for one of the largest apparel manufacturers in Sri Lanka with a full-fledged HR system and Inventory management system

----

OPEN-SOURCE

- Docker Login, Build, Tag & Publish GitHub Action
- EKS Helm Client GitHub Action
- EKS Helm Client Docker Agent
- Helm Client Docker Agent
- UK mobile number validator PHP Package
- UK postcode validator PHP Package
- Sri Lankan Phone number validator (Land & Mobile) PHP Package
- Sri Lankan Universities PHP Package
- Sri Lankan State Hospitals PHP Package
- Sri Lankan Local Authorities PHP Package
- Sri Lankan GN divisions PHP Package
- Sri Lankan divisional secretariats PHP Package
- Nationality list PHP Package
- WebSMS LK SMS Gateway PHP Package
- Srilankan Provinces Districts NPM Package
- Srilankan Universities Faculties Degrees NPM Package
- Srilankan Phone number validator NPM Package

ACHIEVEMENTS

- AWS Community Builder since 2021