RANDUL **MALINHARA**

Dubai, United Arab Emirates (UAE) (Open to Relocation)
Phone: +971 54 431 6709 │ **Email:** bhdrmalinhara@gmail.com
GitHub: github.com/Randul-Malinhara │ **LinkedIn**: linkedin.com/in/Randul-Malinhara
Portfolio: randul-malinhara.github.io

SOFTWARE ENGINEER – CLOUD & APPLICATION SUPPORT

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience supporting and building cloud-native backend systems and APIs across AWS, Azure, and Kubernetes environments. Strong in production support, incident handling, and reliability engineering, with hands-on experience in Node.js, Java Spring Boot, and microservices architectures. Proven ability to troubleshoot live systems, improve observability, and stabilize production platforms for international clients. Currently seeking cloud, application support, or backend engineering roles in Dubai, UAE.

KEY TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript

Backend & APIs: Node.js (Koa/Express), Spring Boot, REST APIs, OAuth2/OIDC, Webhooks

Cloud & Containers: AWS (EC2, Lambda, ECR, CloudWatch), Azure (Cosmos DB), Kubernetes, Docker, Helm

CI/CD & DevOps: GitHub Actions, Jenkins, CircleCI, Terraform, Bash

Observability: Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)

Practices: Application Support, Production Support, Incident Management, SRE Principles, Agile (Scrum/Kanban)

WORK EXPERIENCE

Software Engineer (Contract) – Cloud & Microservices Sri Lanka / USA │ Jun 2024 – Present

- Developed and maintained microservices using Node.js (Koa) and Java Spring Boot
- Deployed and operated cloud-native services on Kubernetes with Helm
- Resolved production incidents across cloud-based microservices, reducing repeat issues and improving platform stability.
- Implemented centralized logging and monitoring using ELK Stack, Prometheus, and Grafana, improving observability and reducing incident resolution time.
- Supported API integrations and performance optimization for client-facing systems, ensuring reliability and consistent production performance.

Trainee Site Reliability Engineer – WSO2 Colombo, Sri Lanka │ Jul 2022 – Jul 2023

- Supported Azure and WSO2 Choreo cloud deployments
- Integrated REST APIs, OAuth2 authentication, and security auditing workflows
- Maintained Azure Cosmos DB for real-time security data access
- Implemented Gmail OAuth2 automation and alerting
- Contributed to technical documentation and onboarding guides

KEY PROJECTS

Self-Optimizing Continuous Integration (CI) Pipeline Final Year Project │ Dec 2023 – Jul 2024

- Built a Python-based CI/CD optimization system to identify and reduce pipeline bottlenecks
- Improved build and deployment efficiency through algorithmic performance analysis
- Tech: Python, Jenkins, GitHub Actions, Docker, Terraform

Cloud Security Auditing Integration Tool – WSO2 Internship Project │ Nov 2022- July 2023

- Contributed to automated cloud security compliance monitoring
- Implemented secure authentication using OAuth2 / OIDC and deployed services on WSO2 Choreo
- Tech: WSO2, Ballerina, Node.js, OAuth2

EDUCATION

Bachelor of Engineering in Software Engineering Sep 2020 – Oct 2024

University of Westminster (Affiliated with Informatics Institute of Technology)

- Bachelor's degree in Software Engineering with Industrial Placement Distinction.
- GPA: 3.7

HONORS & AWARDS

- Winner – IEEE R10 Young Professionals CLAP (2022)
- Silver Prize – TADHack Global
- Top 10 – IEEEXtreme Programming Competition (Sri Lanka)
- Chairman – IEEE Computer Society Student Branch (2021–2022)