Sasiru **Ravihansa**

sasiura | +94 70 20 29 990 | hi@sasiru.lk | sasirura | sasiru.lk

Full-stack platform engineer building cloud-native infrastructure tooling with React, TypeScript, Rust & Go on GCP

Professional Experience

Ivedha Inc.
INTERMEDIATE SOFTWARE ENGINEER

Colombo, LK
Aug 2024 – Present

- Sole owner of an end-to-end cloud-native provisioning pipeline — spanning a Rust orchestrator, Rust job runner, ephemeral Go provisioner, and Airflow DAGs — responsible for design, development, and operation across dit1, dit2, qa1, uat1, and prod.
- Built and maintained a cloud-native orchestrator in Rust that parses OAM manifests, generates Pulumi infrastructure programs, and dispatches execution jobs to a Rust-based job runner via GCP Pub/Sub.
- Engineered a self-terminating Go Docker image that dynamically selects provider-specific tooling at runtime, provisions cloud resources, and streams execution logs to GCP Cloud Storage.
- Authored Airflow DAGs on GCP to trigger provisioning jobs, monitor containerised execution, and handle post-provisioning Pub/Sub events to update platform state.
- Built the internal developer portal frontend in React and TypeScript, integrating with orchestration and Backstage services to provide self-service infrastructure provisioning and workflow visibility.
- Developed custom Backstage plugins in TypeScript to surface platform workflows and automate internal delivery processes.
- Queried and processed GCP billing data using BigQuery to generate cloud spend reports, helping the team identify cost-saving opportunities.

MJ Legal
JUNIOR SOFTWARE ENGINEER

Remote
Feb 2022 – Apr 2023

- Built internal web applications with React.js and Node.js using TypeScript and MySQL, reducing manual documentation effort significantly.
- Integrated third-party APIs from legal platforms (Lawmatics) and conveyancing services, enabling automated workflows.
- Developed company websites (Settlehub, MJLegal) using Drupal (PHP, Nginx, MySQL).

Earltech
ASSOCIATE SOFTWARE ENGINEER

Colombo, LK
Nov 2019 – Jan 2022

- Promoted from Intern to Associate Software Engineer within 6 months based on performance and delivery.
- Contributed to the Fitnessisland dashboard using Vue.js and integrated WordPress e-commerce product feeds.
- Migrated legacy React.js class components to functional components with hooks, improving maintainability and reducing bundle size.
- Extended Node.js backend to support new features and containerised services with Docker.
- Managed Jenkins CI/CD pipeline to deploy applications to AWS EC2.

Education

University of Sri Jayewardenepura
BSc. PHYSICAL SCIENCE ICT

Nugegoda, Sri Lanka
Jun 2021

- Subjects: Mathematics, Physics, ICT

D. S. Senanayake College
ADVANCED LEVEL – MATHEMATICS STREAM

Colombo 7, Sri Lanka
Aug 2016

- Studied core subjects: Mathematics, Physics, ICT

Skills

Frontend	React	Next.js	TypeScript	TailwindCSS	Vue.js
Backend	Go	Rust	Node.js	REST APIs	Microservices
Database	PostgreSQL	MySQL	BigQuery
Cloud & DevOps	GCP	Docker	Pulumi	Apache Airflow	Pub/Sub
Tools & Practices	Git	Backstage	Cloud Build	Agile