

Danindu de Silva

SOFTWARE ENGINEER

London, United Kingdom

EMAIL: danindu001@gmail.com | UPWORK: [upwork.com/freelancers/danindu](https://www.upwork.com/freelancers/danindu)
GITHUB: github.com/danindudesilva | LINKEDIN: [linkedin.com/in/danindudesilva](https://www.linkedin.com/in/danindudesilva)

Product-minded Backend Engineer with 5+ years of experience building resilient, event-driven microservices in cloud-native environments. I design scalable, observable systems that power customer-facing features, with a strong DevOps culture and a focus on solving real user problems. I thrive in cross-functional squads and fast-paced fintech environments where simplicity, reliability, and impact matter. Passionate about continuously improving systems and mentoring peers to deliver delightful customer experiences at scale.

TECHNICAL SKILLS

Programming Languages:	GO (GOLANG), TYPESCRIPT, NODEJS, REACT, PHP (LARAVEL)
Backend & Architecture:	REST, GRPC, EVENT-DRIVEN ARCHITECTURE, MICROSERVICES
Databases & Caching:	POSTGRESQL, MYSQL, ARANGODB, REDIS
Cloud Platforms:	GCP (CLOUD RUN, PUB/SUB, BIGQUERY), AWS (LAMBDA, SQS, SNS)
Infrastructure:	DOCKER, KUBERNETES, TERRAFORM, BUILDKITE, GITHUB ACTIONS (CI/CD), GIT
Observability:	OPENTELEMETRY, PROMETHEUS, GRAFANA, SENTRY
Practices:	TDD, CI/CD, CONTINUOUS DELIVERY, DEVOPS CULTURE, MENTORING

WORK EXPERIENCE

Dec 2020 - Present | Software Engineer at THIRDFORT LIMITED (London, UK)

- Developed a secure client onboarding microservice (Go, ReST, React) to automate bulk data migration from external providers – improved user experience and boosted efficiency, generating £60k+ in annual revenue
- Architected and shipped a compliance reporting microservice (Go, gRPC, PostgreSQL) collaborating cross functionally with compliance and product teams, enabling precise quantitative reporting and contributing £60k+ in revenue
- Designed an Open Banking transaction analysis service (Go, gRPC, PostgreSQL) built on an event-driven architecture – reduced AML review time by 80% and delivered £90k+ in annual revenue
- Migrated and maintained a billing data generation microservice from Node.js to Go in collaboration with cross-functional teams. Improved operational efficiency by 40% and operational costs by 25%
- Implemented infrastructure-as-code with Terraform, CI/CD pipelines (Buildkite), and observability tooling (OpenTelemetry, Prometheus, Grafana); improved code quality through active code reviews and pairing, fostering a DevOps culture
- Acted as a first responder for platform incidents, minimising downtime deploying critical resolutions

Jun 2017 - Dec 2020 | R&D Engineer - IoT at DIALOG AXIATA PLC (Colombo, Sri Lanka)

- Built a real-time hybrid workplace reservation system using PHP (Laravel) + MySQL to optimize office occupancy, reducing booking conflicts by 20% and enhancing user experience
- Designed and delivered a modular IoT prototyping kit, reducing time-to-market by 50% and accelerating product development across teams and external partners
- Led platform development for Sri Lanka's first NB-IoT Hackathon, enabling 100+ developers to prototype IoT solutions, positioning Dialog as a key enabler of local innovation

EDUCATION

B.Sc. Engineering (Hons) | ELECTRONIC AND TELECOMMUNICATION, **University of Moratuwa**, Sri Lanka, 2017

Final Year Project: *Internet of Things Testbed*, a scalable IoT testing framework for device integration.