Yasoga Nanayakkarawasam

EDGE INFRASTRUCTURE & SECURITY ENGINEER

contact@yasogan.dev · Colombo, Sri Lanka (UTC+5:30)

UK-hours overlap · full-time, contract, or EOR

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SUMMARY

Edge infrastructure and security engineer focused on Cloudflare Workers, serverless delivery, and cloud security. I build secure, observable systems and audit the ones that already exist.

EXPERIENCE

Independent Technical Contributor

Jul 2025 - Present

BitByBit

An Independent Technical Contributor specializing in architecting high-performance serverless backends within the Cloudflare ecosystem, managing secure DevOps pipelines, and providing full-stack Next.js support with a strong focus on data sovereignty and system resilience.

- Architected scalable, low-latency serverless APIs utilizing TypeScript, Hono, and Cloudflare Workers for edge execution.
- Managed global distributed state and storage architectures using Cloudflare D1, R2, and KV.
- Designed and maintained secure CI/CD pipelines, incorporating automated secret rotation and comprehensive monitoring via BetterStack.

TypeScript · Hono · Cloudflare Workers · Cloudflare D1 (SQL) · Cloudflare R2 (Object Storage) · Cloudflare KV (Key-Value) · Next.js · BetterStack · CI/CD

Intern Full-Stack Developer

Jan 2025 - Dec 2025

NeoMedia Digital Agency

An independent full-stack development internship serving as the sole engineer for the agency, taking complete ownership of the software lifecycle from initial architecture to server management and deployment.

- Architected and built responsive, high-performance web applications from the ground up utilizing TypeScript, React, and Next.js.
- Developed and maintained robust backend systems and custom RESTful APIs with Node.js, integrating MinIO for scalable, S3-compatible object storage.
- Managed end-to-end deployment workflows and server infrastructure, ensuring high availability and seamless application updates without direct technical supervision.

JavaScript · TypeScript · React · Next.js · Node.js · MinIO · REST APIs · Git · Server Administration · Deployment Pipelines

EDUCATION

BEng Computer Networking and Cloud Security (Top-Up)

Mar 2026 - Mar 2027

London Metropolitan University (Studied via ESOFT Uni)

Currently undertaking final-year Top-Up modules focusing on advanced cloud architecture, network security, and IoT security, building upon the foundational knowledge gained in the Higher National Diploma to achieve a full Bachelor's degree in Computer Networking and Cloud Security.

BTEC Higher National Diploma in Computing (Cyber Security)

Mar 2024 - Mar 2026

Pearson (Studied via ESOFT Uni)

Specialized in Cyber Security, completing practical coursework in network defense, cloud infrastructure, and security principles. Gained hands-on experience applying cybersecurity frameworks and administering secure network environments.

Diploma in Information Technology

Sep 2023 - Jul 2024

Skills Education Group (Studied via ESOFT Metro Campus)

Built a strong IT foundation through coursework in programming, networking, and system administration. Completed practical projects to develop core technical competencies and hardware troubleshooting skills.

PROJECTS

google-maps-review-scraper

127 stars · 27 forks

github.com/YasogaN/google-maps-review-scraper · npm.im/google-maps-review-scraper

A npm module to scrape reviews from Google Maps

67.2K npm downloads (55.6K YTD)

TypeScript · JavaScript

url2app

github.com/YasogaN/url2app

Package an HTTPS site as an Android, Windows or Linux app, entirely in your browser. Local shell patching, local Android signing, no account or cloud build.

Rust · TypeScript · Kotlin · HTML · CSS · +4

pqaudit

github.com/YasogaN/pqaudit · crates.io/crates/pqaudit

66 crates.io downloads · 38 release downloads

Rust

math-mcp

github.com/YasogaN/math-mcp · npm.im/@yasogan/math-mcp

Provides arithmetic, symbolic algebra, calculus, matrix operations, statistics, probability distributions, and unit conversions via MCP

764 npm downloads

TypeScript · JavaScript

voicemail-cf

github.com/YasogaN/voicemail-cf

A cloud-native voicemail service built on cloudflare workers that provides automated voice recording, storage, and management capabilities

TypeScript