

HIRUSHA DINIL RUBASINGHE

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SUMMARY

Full Stack Software Engineering undergrad with production experience in cloud-native enterprise SaaS development. Specialized in TypeScript, React, and AWS Serverless (CDK) architectures. Proven track record of architecting scalable observability tools and optimizing data pipelines for high-growth B2B platforms. Committed to delivering type-safe, maintainable code in agile, distributed environments.

TECHNICAL SKILLS

Frontend	React, Next.js, Astro, Typescript, Tailwind CSS, TanStack Query, ReCharts, Framer Motion
Backend	Node.js (Fastify/Express), Python (FastAPI/Flask), Restfull APIs, JWT Auth, Firebase
Cloud & DevOps	AWS (Lambda, RDS, S3, CDK, Cloudfront, EventBridge, SQS), Docker, Github Actions
Database	PostgreSQL, Drizzle ORM, Prisma, SQL optimization, Timescale DB
Others	C, Java, Git, Linux, Figma, Agile/Scrum Methodologies

EXPERIENCE

2025 (3 months)	Full stack Software Engineering Intern Velaris.io Hybrid <ul style="list-style-type: none">System Observability: Architected an internal monitoring-dashboard integrating AWS CloudWatch and Activepieces, successfully reducing Mean Time to Resolution (MTTR) by 90% for system incidents (saving ~18 engineering hours/week)Serverless Architecture: Designed and Deployed scalable microservices using Node.js and AWS Lambda utilizing AWS CDK for reproducible IaC deploymentsDatabase Optimization: Implemented Type-safe database interactions using PostgreSQL and Drizzle ORM, ensuring data integrity across the platform.
2025-present	Contract Software Engineer Software-Lifecycle-Consultants Remote <ul style="list-style-type: none">SaaS Architecture: Co-architected "CycleParadise," a multi-tenant tourism platform handling complex scheduling for Sri Lankan tour operators.DevOps & Security: Deployed and hardened a Linux VPS environment using Docker; implemented firewall (UFW), credential rotation to secure client data.Full Stack Ownership: Built a custom Admin CMS with Astro and Role-Based Access Control (RBAC), empowering non-technical staff to manage inventory independently.

PROJECTS

- Functional Data Aggregator**, Weather Client Dashboard — [Lxnid/simple-weather](#)
- Developed a high-throughput dashboard integrating external weather APIs with a **Python (FastAPI)** backend.
 - A responsive frontend using **React** and **Tailwind CSS**, featuring dynamic data caching to minimize API costs.
 - Selected as the Capstone Project for HarvardX CS50P, demonstrating full-cycle development proficiency.
- Streaming Media Interface**, Melodine — [Lxnid/melodine](#)
- A responsive media streaming application utilizing the **Spotify Web API** with **Next.js**.
 - Implemented complex **OAuth 2.0** authentication flows and secure session state management for user data protection.

EDUCATION

2025 - Present	Bachelor of Computing (Software Engineering) , Curtin University, Colombo Focus: Distributed Systems, Algorithms, Software Architecture.
2023 – 2024	G.C.E. Advanced Level , Pearson Edexcel, UK Mathematics (A*), Further Mathematics (A*), Physics (A), Chemistry (B) ~99.5 ATAR
2020, 2024	CS50X and CS50P , HarvardX, EdX, Online Computer Science Basics with C, HTML/CSS, JavaScript, Python(Flask, FastAPI)