

HIRUSHA DINIL RUBASINGHE

Email: dinilr28@outlook.com

GitHub: github.com/lxnid

LinkedIn: [hirusha-rubasinghe](https://www.linkedin.com/in/hirusha-rubasinghe)

Portfolio: lxnid.github.io/me

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, AI Agents, 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) for system incidentsServerless 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.

PROJECTS

Multi-Tenant Booking Platform (SaaS), CycleParadise — Software-Lifecycle-Consultants/cycleparadise

- Tourism marketplace using **Astro** and **PostgreSQL** to support complex booking schedules and inventory management.
- Implemented robust security with **JWT Auth** to secure distinct administrator and customer portals.
- Automated deployment pipelines using **Docker** and **GitHub Actions** on a Linux VPS

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