

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, 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.
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PROJECTS

Multi-Tenant Booking Platform (SaaS) , CycleParadise — Software-Lifecycle-Consultants/cycleparadise <ul style="list-style-type: none">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 <ul style="list-style-type: none">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 <ul style="list-style-type: none">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)