

# 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)	<b>Full stack Software Engineering Intern</b> , Velaris.io, Hybrid <ul style="list-style-type: none"><li>System Observability: Architected an internal monitoring-dashboard integrating <b>AWS CloudWatch</b> and <b>Activepieces</b>, successfully reducing Mean Time to Resolution (MTTR) for system incidents</li><li>Serverless Architecture: Designed and Deployed scalable microservices using <b>Node.js</b> and <b>AWS Lambda</b> utilizing <b>AWS CDK</b> for reproducible IaC deployments</li><li>Database Optimization: Implemented Type-safe database interactions using <b>PostgreSQL</b> and <b>Drizzle ORM</b>, ensuring data integrity across the platform.</li></ul>
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## PROJECTS

<b>Multi-Tenant Booking Platform (SaaS)</b> , CycleParadise — <a href="https://Software-Lifecycle-Consultants/cycleparadise">Software-Lifecycle-Consultants/cycleparadise</a> <ul style="list-style-type: none"><li>Tourism marketplace using <b>Astro</b> and <b>PostgreSQL</b> to support complex booking schedules and inventory management.</li><li>Implemented robust security with <b>JWT Auth</b> to secure distinct administrator and customer portals.</li><li>Automated deployment pipelines using <b>Docker</b> and <b>GitHub Actions</b> on a Linux VPS</li></ul>
<b>Functional Data Aggregator</b> , Weather Client Dashboard — <a href="https://lxnid/simple-weather">Lxnid/simple-weather</a> <ul style="list-style-type: none"><li>Developed a high-throughput dashboard integrating external weather APIs with a <b>Python (FastAPI)</b> backend.</li><li>A responsive frontend using <b>React</b> and <b>Tailwind CSS</b>, featuring dynamic data caching to minimize API costs.</li><li>Selected as the Capstone Project for HarvardX CS50P, demonstrating full-cycle development proficiency.</li></ul>
<b>Streaming Media Interface</b> , Melodine — <a href="https://lxnid/melodine">Lxnid/melodine</a> <ul style="list-style-type: none"><li>A responsive media streaming application utilizing the <b>Spotify Web API</b> with <b>Next.js</b>.</li><li>Implemented complex <b>OAuth 2.0</b> authentication flows and secure session state management for user data protection.</li></ul>

## EDUCATION

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