

# SRINATH MAHAGAMA

## Software Engineer / Full Stack Engineer

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## PROFESSIONAL PROFILE

Full Stack Engineer with 5+ years of experience building scalable SaaS solutions for global products and clients across food service, supply chain automation, financial services, and IoT. Experienced in leading front-end architecture, developing microservices, and deploying cloud-native applications. Currently enhancing expertise through a Master of Professional Computing at Swinburne University(Expected July 2026), Australia while contributing to an Adelaide-based tech startup, Hatnex.

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## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Java, Python, C#, Scala, C, Bash

**Frontend:** React, Next.js, Angular, Redux, NgXS, Tailwind CSS, Tamagui

**Backend:** Node.js, NestJS, Spring Boot, GraphQL, tRPC, REST APIs

**Mobile:** React Native, Expo, Flutter

**AI & Data:** LLMs, Transformers, Model Context Protocol(MCP), Machine Learning, NLP, Big Data, Hadoop

**Cloud & DevOps:** AWS, Oracle Cloud Infrastructure, GCP, Azure, Docker, Kubernetes, CI/CD

**Databases:** PostgreSQL, MySQL, MongoDB, OracleDB, Firebase, based.io, Neon DB

**Tools & Methods:** Git, GitHub, Bitbucket, GitLab, VS Code, IntelliJ, Agile/Scrum, Microservices Architecture, TDD, Monorepo

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## PROFESSIONAL EXPERIENCE

**Full Stack Developer** | Hatnex Startup, Adelaide, Australia (Remote) | July 2025 – Present

- Developed a facility management solution for iOS and Android platforms using React Native (Expo), Node.js, and Neon DB.
- Maintained a Monorepo codebase with Expo.
- Implemented typesafe tRPC backend functions and managed Prisma migrations.

**Senior Software Engineer** | Sysco LABS, Colombo, Sri Lanka | Mar 2023 – Jul 2024 | Full-time

- Led development of reusable front-end components and optimized microservices for Sysco Shop, a global food-service platform with 10,000+ users.
- Optimized Backend for frontend (BFF) and GraphQL queries, reducing load times by 40% across AWS deployments.
- Collaborated with cross-functional teams to deliver 15+ production features in an Agile environment.

**Senior Software Engineer** | Colomba Link GmbH, Basel, Switzerland (Remote) | Mar 2022 – Mar 2023 | Full-time & Mar 2023 – Jul 2024 | Part-time

- Architected and developed Monidas, a real-time IoT monitoring dashboard for chemical-based devices.
- Engineered WebSocket connections and real-time data streaming, reducing latency.
- Developed customized components using native DOM elements and optimized front-end performance via code splitting and lazy loading.

**Software Engineer** | Haulmatic Technologies, Colombo, Sri Lanka | Oct 2020 – Feb 2022 | Full-time

- Developed full-stack modules for a supply chain automation platform used by exporters, importers, and freight forwarders.
- Built real-time transport tracking features using Flutter, improving status update efficiency.
- Created responsive Angular user interfaces and Spring Boot microservices deployed on GCP Kubernetes.
- Integrated GraphQL APIs consolidating data from 8+ microservices.

**Associate Software Engineer** | Itechro Ltd, Colombo, Sri Lanka | Mar 2020 – Oct 2020 | Full-time

- Delivered a credit application system for Sampath Bank processing 5,000+ monthly applications.
- Developed a POS system for Healthguard Pharma (React + MySQL).

- Contributed to plantation management software for agricultural businesses.

**Software Engineer Intern** | Quantine Tech, Malabe, Sri Lanka | Aug 2019 – Feb 2020 | Full-time

- Contributed to Cricket Analyser, a cricket data management application for Sri Lanka Cricket.
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## EDUCATION

**Master of Information Technology (Professional Computing)**, Swinburne University of Technology, Melbourne, Australia | 2024 – July 2026 (Expected)

**Bachelor of Science in Computer Science**, University of Colombo, Sri Lanka | 2017 – 2020

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## CERTIFICATIONS

- Google Cloud Fundamentals: Core Infrastructure
  - Model Context Protocol: Foundations by Huggingface
  - SoloLearn: Angular + NestJS, React + Redux
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## KEY PROJECTS

- **Dingodesk** – Cross-platform facility management solution for Australian small businesses: onboarding, job scheduling, incident reporting, and job tracking.
- **Sysco Shop Global Platform** – Food-service collaboration platform serving users for Sysco Cooperation in the USA.
- **Monidas IoT Dashboard** – Real-time monitoring system for IoT devices with alarms and live data visualization in chemical industrial hubs in Switzerland.
- **Haulmatic Supply Chain Suite** – End-to-end logistics with smart contracts and fleet management system with real-time tracking.
- **CareMate** – Clinical assistant web-based chatbot using NLP & Machine Learning for an Indigenous community in Australia, supporting their language Noongar for clinical support.