

Anjula Samarasinghe

Software Engineer

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TECHNICAL SKILLS

Languages and Libraries: TypeScript, JavaScript, Java, Python, SQL, React.js, React Testing Library, React Query, RHF, Redux Toolkit

Frameworks: Next.js, Vue.js, Node.js, .NET, Flask, Tailwind CSS, Playwright

Developer Tools: Git, Docker, GitHub Actions, Nginx

Platforms and Services: GCP, AWS, Firebase, Supabase

EXPERIENCE

Senior Fullstack Developer

July 2024 – Present

Atmoz AB

Stockholm, Sweden

- Developed key sustainability features such as GHG reporting, scope breakdown calculations, and emissions visualization dashboards.
- Designed and implemented backend API endpoints using .NET to support carbon accounting and reporting workflows, enabling reliable data processing and integration with frontend services.

Software Engineer - Part-time

Sept. 2023 – Jan. 2025

Tilli Kids Inc.

San Francisco, USA

- Developed the Teacher Dashboard for Tilli's innovative Social-Emotional Learning (SEL) app, enabling teachers to track student progress and make informed decisions.
- Developed Tilli Dashboard for inventory management, including an SKU generator and product registration feature.
- Created a LLM-powered parenting tool for parents with multi-language support.

Google Summer of Code Mentor

May 2023 – Sep. 2023

openMRS

- Provided mentorship for two GSoC projects focused on software testing with Playwright and Jest, significantly increasing test coverage for openMRS 3.0.

Software Engineer

Nov. 2022 – Jun. 2023

ASCII Corporation

Colombo, Sri Lanka

- Led the development team in creating a ticket management platform, streamlining ticket handling and workload management.
- Integrated a GPT wrapper with Messenger with Meta Cloud APIs

Software Developer

Jul. 2021 – Dec. 2022

promiseQ

Berlin, Germany

- Developed the promiseQ web app, utilizing ML recognition and human verification for fast and accurate decision-making. Developed features including real-time alarm updates and email notifications using VueJs and Firebase.

Google Summer of Code Contributor

May 2022 – Sep. 2022

openMRS

- Rebuilt the Cohort Builder as a part of OpenMRS 3.0 from scratch with a whole new UI with more features like more query options, saving queries and export queries.

Software Engineer Intern

Jul. 2020 – Jul. 2021

rootcode labs

Colombo, Sri Lanka

- Worked on the "Development of Land Resources Information Management System (LRIMS) for Afghanistan," incorporating map comparisons and exporting options.
- Co-created the expert/customer user dashboard with features including call logs, payments, and service management.

Chief Technical Officer

Jul. 2022 – Feb. 2025

Sustainable Education Foundation - SEF

- Leads the SEF Engineering team, overseeing the development of SEF projects, particularly the ScholarX mentoring platform.

Community Developer

Jul. 2022 – Jul. 2023

Lanka Software Foundation

- Developed the "Elixir" project in collaboration with Redcross Sri Lanka to address medical shortages, raising over \$800,000 worth of medicine.

EDUCATION

University of Sri Jayewardenepura

Nugegoda, Sri Lanka

BSc. in Physical Science ICT

2021 - 2024

- Modules: Data Structures and Algorithms, Computer Architecture, Software Engineering, Database Systems and Administration