



Aruna Prabath Wickramasinghe

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ABOUT ME

Software Engineer with 9+ years in software engineering, specializing in .NET, Angular, Go, and Next.js. I've deployed mobile POS systems for telecoms, led legacy migrations, guided teams building WCAG-compliant applications for a Dutch urban tech firm and am currently leading a team of Next.js and .Net devs in a fin tech company. As co-founder of ipark.fi, a Finnish EV charging startup, I architect a high-concurrency backend. I combine founder mentality with technical leadership, leveraging AI tools like Cursor, Claude, and Codex to drive architectural excellence and productivity across enterprise and startup environments.

SKILLS

Python / TypeScript / SQL / Go / JavaScript / C# / JavaScript Framework / React / Next.js / Angular / Bootstrap / TailwindCSS / PrimeNG / Shadcn / .Net Core / FastAPI / Supabase / PostgreSQL / SQL Server / React Native / Expo / Xamarin.Forms / .Net MAUI / Azure / AWS / GCP / Vercel / Redis / Docker / Agile development / CQRS / HTML / CSS / Node.js / iOS / Android / Git

WORK EXPERIENCE

🏢 **Liquid Labs** – Colombo, Sri Lanka

Senior Full Stack Engineer / Associate Technical Lead

[23/02/2026 – 14/08/2026]

- Engineered the core admin and settings REST APIs for the Document Management System in C#/.NET within an existing monorepo of 11+ microservices that communicate through message queues.
- Developed backend features using the existing Microsoft SQL Server, Azure Cosmos DB and Redis caching stack.
- Led the Document Management System team's Next.js implementation during the migration from Ember, extending the shared application started by another team.
- Translated product goals into scoped changes across web applications and backend services. Mentored engineers and owned technical decisions within the team.
- Applied agentic coding workflows to implementation, code review and verification, with direct responsibility for architecture and release decisions.

🏢 **Progresity** – Colombo, Sri Lanka

Senior Software Engineer / Technical Lead

[30/04/2022 – 04/02/2026]

- Led a distributed engineering team building the Progresity platform, owning architecture, code review, and delivery cadence over four years.
- Delivered WCAG 2.1 AA-compliant Angular applications, embedding accessibility into the design system so compliance held as the product scaled.
- Pioneered agentic development workflows through hands-on R&D, then rolled them out across the team to speed up everyday engineering.

🏢 **IDS NEXT** – Colombo, Sri Lanka

Senior Software Engineer

[12/2019 – 05/2022]

- Managed migration of a legacy platform to Angular and .NET Core, reducing response times by 40%.
- Developed hotel dashboards using Angular, Bootstrap, and CQRS-based .NET Core services.
- Created coding standards and engineering guidelines; implemented CI/CD pipelines and Azure deployments.

🏢 **Zillione** – Colombo, Sri Lanka

Software Engineer

[10/2017 – 12/2019]

- Guided a mobile team of 3 developers to build Mobile POS solutions using Xamarin.Forms for a leading telecom provider ([Dialog](#)) operating 150+ outlets around the island.
- Developed insurance broker systems using Angular and .NET Core serves 10+ agents.
- Engineered [University of Colombo online payment](#) portal using Angular and Semantic UI using.

PROJECTS

[01/10/2023 – 23/01/2026]

Electric Vehicle Charging platform (ipark.fi) Developed a Central Station Management System (CSMS) for EV charging networks, focusing on backend architecture and hardware integration. Built with Go, Redis, and Supabase, the system implements OCPP v1.6 for real-time bidirectional communication with EV chargers, enabling remote monitoring, control, and diagnostics. The architecture supports future OCPI integration for roaming platform interoperability.

The cloud-hosted backend includes an OpenAPI-compliant integration suite for secure third-party access. Currently deployed in Helsinki and Turku, Finland, with three OCPP-compliant chargers (ABB Terra and Keba models) processing over 120 sessions monthly.

Built customer and station management portals using Next.js, hosted on Vercel, to complement server-side operations.

Link: <https://arunaw.com/work/ipark>

[Current]

CRLO - Vehicle Management App Designed and built a shared vehicle logbook for households, with collaborative garages, service and cost records, document storage, and date or mileage reminders. Its backend owns shared reminder delivery, history, and recipient state instead of delegating business time to one device.

Link: <https://crlo.cc>

[Current]

JustInvoice - Simple but powerful invoicing platform Designed and shipped an invoicing product for freelancers and small businesses, covering estimates, invoice lifecycle, PDF generation, public share links, and payment status in one Convex-backed system.

Link: <https://justinvoice.cc>

NETWORKS AND MEMBERSHIPS

Urban Tech Helsinki Innovations comes through collaborations. Participating the Urban Tech Helsinki was one of boost for the [ipark](#) team

Link: <https://urbantechhelsinki.fi/news/ipark-the-great-ev-equaliser-an-app-free-service-that-makes-electric-vehicle-charging-available-and-easy-for-everyone/>

Baltic Impact Accelerator As being a Co-founder and CTO for the [ipark.fi](#), I have been invited to be a part of [Baltic Impact Accelerator](#). Collaborating and having some trainings such as Brand Communication: Connecting Beyond Words and Product-Market fit: Aligning Value with Market Demand improved good aspect of the journey as start-up founder and technical lead

Link: <https://bia.solved.fi/people/users/9d8cf97f-6d32-4bff-9c60-2338b34933bc>

EDUCATION AND TRAINING

Bachelor of Science in Information Technology

Sri Lanka Institute of Information Technology [31/08/2014 – 31/10/2018]

City: Malabe | Country: Sri Lanka | Website: <https://www.sliit.lk/>

Covered software engineering, database systems, algorithms, distributed systems, mobile development, machine learning, software architecture, security, user experience, and programming fundamentals throughout coursework.

Master of Science in Software Engineering

Lappeenranta University of Technology (LUT) [25/08/2026 – Current]

City: Lappeenranta | Country: Finland | Website: <https://www.lut.fi/>

The programme covers requirements engineering, software modeling, quality assurance, data-intensive and embedded systems, wireless communications, sustainability, and research methods, alongside Finnish language studies and a master's thesis.

PUBLICATIONS

[2018]
Google Map and Camera Based Fuzzified Adaptive Networked Traffic Light Handling Model Developed fuzzy logic traffic light system in Python; published findings in IEEE article showcasing innovative traffic optimization research.

LANGUAGE SKILLS

Mother tongue(s): Sinhala

Other language(s): English

REFERENCE

Dr. Victor Mukherjee

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