

MIYURI LOKUHEWAGE

SOFTWARE ENGINEER | FULL STACK DEVELOPER

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Kelaniya, Sri Lanka, LK



PROFESSIONAL SUMMARY

Full Stack Developer experienced in front end web architecture, designing user interactions, and developing website applications using React, Next.js, Node.js, Express.js, .NET, and Flutter. Skilled in creating servers and databases for functionality, designing and developing APIs, and ensuring responsiveness and cross-platform optimization for mobile and web applications. Strong foundation in OOP, DSA, SDLC, Agile Scrum, and project management skills with attention to detail. I am proficient in frontend languages such as HTML, CSS, and JavaScript, and familiar with frameworks like React, Angular JS. Hands-on exposure to AI systems including OCR, embeddings, RAG pipelines, and model evaluation. Experienced in cloud deployment, CI/CD pipelines, performance optimization, and delivering projects from conception to finished product while meeting technical and consumer needs maintaining scalability.

WORK EXPERIENCE

Software Engineer

Detz Global (Pvt) Ltd, Sri Lanka

Aug 2025 – Present

- Develop enterprise level web, mobile, and desktop applications.
- Build web apps with React and mobile apps with Flutter.
- Manage data, backend services, and deployments using Firebase, IndexedDB, and VPS.
- Mentor interns and support project coordination and delivery.
- Participate in client discussions when required.

Junior Full Stack Developer

Codezela Technologies (Pvt) Ltd, Sri Lanka

May 2025 – Nov 2025

- Built and maintained full stack applications using Next.js, Express.js, MongoDB, and .NET in Agile Scrum teams.
- Implemented REST APIs and enhanced backend logic, reducing average 40% of response time and improving reliability.
- Created reusable UI components and dashboards to support resilient solutions, product workflows and reduce development time by around 40%.
- Developed authentication with JWT and OAuth2 and applied OWASP-aligned secure coding practices for cost effective products.
- Supported CI/CD pipelines, version control workflows, documentation, and code reviews.

Intern Full Stack Developer

Codezela Technologies (Pvt) Ltd, Sri Lanka

Sep 2024 – May 2025

- Contributed to frontend and backend features using Next.js, Express.js, and Supabase in cross functional teams.
- Designed RESTful endpoints, integrated databases, and optimized data handling for smoother API communication.
- Customized WordPress sites and assisted in deployments and automation tasks across environments.
- Refactored modules to improve maintainability and reduce bugs around by 35%.
- Supported UI responsiveness fixes and refined cross device compatibility.

PROJECTS (Academic & Independent)

▪ **SinLearn - Ai-Powered Educational Assistant For Sinhala Resources (ongoing research): Jan 2026**

Flutter, PostgreSQL, Python, FastAPI, Transformers, OCR, RAG

An AI platform for Sinhala handwritten text processing, adaptive summaries, Q&A generation, and answer evaluation.

Deployed OCR pipelines, embeddings, RAG retrieval, and semantic comparison to maintain zero-hallucination output.

▪ **EV Charging Enterprise Application:**

Sep 2025

React, .NET, MongoDB, Java, SQLite

Multi-role EV charging system featuring booking workflows, station monitoring, and admin dashboards. Engineered

REST APIs, authentication, and real-time operations for operators and vehicle owners.

GitHub: github.com/Miyuri15/EV-Charging-System

▪ **FlavorFleet - Food Ordering Application:**

April 2025

MERN, Microservices, Docker

A microservices-based ordering platform with separate services for users, restaurants, and delivery agents. Applied secure authentication, containerized services, and optimized API handling with payment gateway.

GitHub: github.com/Miyuri15/FlavorFleet

▪ **SGMS- Smart Garbage Management System:**

Feb 2025

MERN, OWASP

Secured web platform for residents, admins, waste collectors and waste station recorders. Implemented secure authentication, role-based access, and automated notifications for efficient waste management and monitoring. from request and schedule garbage pickups to track waste collection and monitor bin statuses with recycling.

GitHub: github.com/Miyuri15/FinTrack

▪ **Peacemind – Online Therapy Booking System :**

Sep 2024

MERN, MongoDB

Appointment and session management platform for therapists, patients, and admins. Created secure scheduling workflows and optimized session allocation logic

GitHub: github.com/Miyuri15/Peacemind

TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Python, Java, PHP, C, C++, Kotlin
- **Frontend:** React, Next.js, Tailwind, HTML, CSS, Responsive UI, Component Architecture, Angular JS
- **Backend:** Node.js, Express.js, .NET, REST APIs, Microservices, API Integration
- **Mobile:** Flutter, Java (Android)
- **Databases:** MongoDB, MySQL, PostgreSQL, SQLite, Firebase, Supabase, Oracle, Experienced with servers and databases for full-stack functionality.
- **Cloud & DevOps:** AWS (Lambda, S3, ECS), Docker, CI/CD (GitHub Actions)
- **Testing:** Jest, Selenium, JUnit, Unit Testing, Integration Testing, Test Automation
- **Security:** JWT, OAuth2, OWASP, Input Validation, Access Control
- **Tools & Concepts:** Git, Postman, Figma, SDLC, MVC, System Design, Performance Optimization
- **Core Engineering Skills:** OOP, DSA, SQL, Problem Solving, Debugging, Code Quality, Documentation
- **Other:** Organizational skills, project management skills, excellent verbal communication skills, problem-solving skills, analytical skills, project coordination, work autonomously, Software Development

SOFT SKILLS

- Communication, Teamwork, Time Management, Critical Thinking, Attention to Detail, Adaptability, Fast Learning, articulate, communicate effectively, written and verbal communication

EDUCATION

• **BSc (Hons) in Information Technology – Software Engineering**

Sri Lanka Institute of Information Technology (SLIIT)

Sep 2022 – May 2026 GPA 3.1

• **Vishaka Balika Vidyalaya | 2012 – 2020**

G.C.E. Advanced Level (2020): Maths Stream – 2 S & 1 C

G.C.E. Ordinary Level (2017): 5 A & 4 B

CERTIFICATIONS

- AWS Cloud Practitioner Essentials
- AI/ML Engineer – Stage 1 & 2 (SLIIT)
- Full Stack Development (DP Education)
- Diploma in IT (ESOFT)
- Information Systems & Business Process (Alison)

REFERENCE

Mr. Chandana Dayarathne

HRBP – Commissary HR Lead

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