



KALANA WARNAKULASOORIYA

SOFTWARE ENGINEERING INTERN



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[Personal Portfolio](#)

ABOUT ME

I am an enthusiastic IT and Management undergraduate who thrives on tackling challenges and finding creative solutions. I have a strong interest in software engineering and web development, and I am seeking a software engineering internship where I can apply my time management and teamwork skills to contribute to collaborative projects and create value efficiently.

EDUCATION

University of Moratuwa

2023 - Present

Reading for B.Sc. (Hons) Degree in Information Technology & Management.

- CGPA : 3.46 / 4.00

IMBS Green Campus

2024 - 2025

Diploma in Business Management

- Final GPA : 3.893 / 4.00

Maliyadeva College - Kurunegala

2012 - 2022

G.C.E Advanced Level 2021, Physical Science

Z-score: 1.3533

- Chemistry - B, Physics - B, Combined Mathematics - C

G.C.E Ordinary Level 2017

- Results - 7 A's & 2 B's (English Medium)

PROJECTS

AgriLink Lanka – Agricultural Export Platform (Personal)

2025 - Ongoing

Developing a centralized B2B web platform to connect Sri Lankan farmers directly with global exporters, eliminating intermediaries and promoting fair trade.

- Features role-based access (admin, farmer, exporter), product catalog, secure Stripe payments, automated email notifications, and glassmorphism UI.
- Tech Stack: Next.js, Tailwind CSS, ASP.NET Core (.NET 7), PostgreSQL, Stripe, Nodemailer, TypeScript

Portfolio Web App (Personal)

2025 - Ongoing

Built a full-stack personal portfolio web application with project showcase, skills section, and contact form.

- Features RESTful API backend, modern responsive UI, and MSSQL integration.
- Tech Stack: Angular, Spring Boot, Microsoft SQL Server, JavaScript, Java

GearUp – Automobile Service Management System (Group)

2024

A microservices-based platform for vehicle service booking, real-time tracking, and employee workflow management.

- Frontend: Built customer modules (Dashboard, My Vehicles, Settings, Modifications) with real-time updates and consistent UI enhancements.
- Backend: Implemented Customer & Vehicle microservices, REST APIs, Flyway-backed schemas, and event-driven flows using message queues.
- Tech Stack: Next.js, TypeScript, Tailwind CSS, Spring Boot, PostgreSQL, RabbitMQ, Firebase Admin SDK, Docker, Flyway.

FitSync Pro - Trainer Reservation System (Group)

2024 - 2025

Level 2 Software Project | Role: Team Leader.

FitSync Pro is a fitness trainer reservation and management system developed by my team.

- Built the landing page, integrated Stripe for secure payments, and added a purchase history feature for users to manage past orders.
- Tech Stack: Next.js, Stripe API, TypeScript, Tailwind CSS and Node.js

Built a modern SPA with user auth, dashboards, and dynamic gaming content. Delivered a fully responsive interface.

- Tech Stack: Laravel 11, React, Inertia.js, Tailwind CSS, and SQLite.

Level 1 Hardware Project | Role: Team Leader.

Developed a real-time posture correction device using an MPU6050 and flex sensor.

- Programmed Arduino to process sensor data and trigger vibration alerts for poor posture.

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES** - C, C++, Javascript, Typescript, PHP, Java
- **WEB DEVELOPMENT** - Tailwind CSS, Next.js, React.js, Angular, Inertia.js, ASP.NET, Spring Boot, Express.js, Laravel, WebSockets
- **DATABASE** - MongoDB, MySQL, MSSQL, PostgreSQL, Redis, Flyway
- **DEVOPS / CONTAINERIZATION** – Docker, Docker Compose, Kubernetes, GitHub Actions (CI/CD)
- **CLOUD SERVICES** - Cloudinary, Stripe, Firebase, Firebase Admin SDK
- **MESSAGING & REAL-TIME** – Nodemailer, RabbitMQ
- **DESIGN TOOLS** - Figma, Blender, Canva, GIMP
- **OPERATING SYSTEMS** - Windows, macOS, LINUX
- **PROJECT MANAGEMENT** - GitHub
- **VERSION CONTROL** - Git

SOFT SKILLS

- Leadership
- Self Learning
- Analytical Thinking
- Problem Solving
- Effective Communication

INTERESTS

- Enterprise Application Development
- Web Development
- UI/UX Design

CONTRIBUTIONS

- Represent Axinom as a company coordinator at the Faculty of IT Career Fair 2025.
- Led DBM Group in a CSR project delivering school donations, tree planting, and an IoT workshop, blending leadership with real-world impact.
- Industry Reconnaissance with Virtusa, culminating in a successful CSR project that showcased collaboration and industry engagement.

COMPETITIONS

- 1st Runners-Up at CodeRush 2024
- 1st Runners-Up at CodeAréna'25
- 2nd Runners-Up at Devthon 2.0
- MoraXtreme 10.0, 2025 Finalists

CERTIFICATIONS

- [View My Certifications on LinkedIn](#)

REFERENCE

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