

Suthankan Balenthiran

IT Undergraduate | University of Moratuwa

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Professional Summary

Passionate and driven Computing student with a strong foundation in full-stack development, artificial intelligence, and network engineering. Eager to learn and grow in the field, and contribute to the development of innovative, scalable, and impactful technologies. Proven ability to lead software development teams through agile methodologies, architect backend services, and integrate modern AI models into practical applications. Adept at balancing rigorous academic coursework with professional roles and hands-on technical projects.

Technical Expertise

Programming Languages & Web Technologies:

- Java (Spring Boot)
- JavaScript (React, Next.js)
- TypeScript
- HTML & CSS

Databases & Cloud Infrastructure:

- PostgreSQL
- Docker
- Cloudflare

Artificial Intelligence & Machine Learning:

- Extensive experience with Large Language Models (LLMs)
- Utilization of Meta Llama 3, Cohere, and Claude
- Familiarity with platforms including Google AI Pro, Anthropic Pro, and Deep Infra

Networking & Systems:

- Network Engineering and Routing
- CCNA Certification Preparation
- Cisco Packet Tracer
- Network Topology Configuration

Methodologies & Architecture:

- REST API Design and Implementation
- Agile Scrum & Kanban Frameworks
- Software Testing
- Software Requirements Specification (SRS) Drafting

Professional Experience

Tillit

AI Engineer | Colombo, Western Province, Sri Lanka | Feb 2026 – Present

- Leverage artificial intelligence models and frameworks to develop and integrate intelligent features into software solutions.
- Work with advanced LLMs and cloud-based AI inference platforms to optimize computational workloads.
- Collaborate on technical problem-solving and implement best practices for responsible AI usage.

AIESEC

Customer Relation Team Leader | Moratuwa, Western Province, Sri Lanka | Feb 2025 – Aug 2025

- Led a dedicated customer relations team, coordinating strategies to improve engagement and satisfaction.
- Managed cross-functional communication and guided team members in achieving organizational goals.
- Organized operations and streamlined processes to ensure efficient handling of client interactions.

Customer Relation Panelist | Colombo, Western Province, Sri Lanka | Sep 2024 – Feb 2025

- Actively participated in customer relation panels, providing insights and feedback to optimize operational strategies.
- Assisted in executing engagement campaigns and maintaining high standards of communication with stakeholders.

Microsoft

Microsoft Learn Student Ambassador - Alpha | Sep 2023 – Nov 2023

- Advocated for Microsoft technologies within the university community, promoting technical learning and skill development.
 - Engaged with peers to share resources and host discussions surrounding modern software engineering practices.
 - Facilitated the bridge between academic theory and practical application of Microsoft development tools.
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Technical Projects

Planora Project Management System

Role: Team Lead | Team: Semicolon_Squad (5 members)

- Spearheaded the development of a comprehensive Agile project management application designed to streamline team workflows.
- Designed and integrated Kanban-based task boards for visual project tracking.
- Implemented robust sprint management features, including full CRUD (Create, Read, Update, Delete) operations for Agile Scrum support.
- Coordinated team tasks, conducted code reviews, and ensured the project met architectural and functional requirements.

OmniHealth (Hospital Management Ecosystem)

Role: Full-Stack Developer

- Engineered a centralized hospital management system integrating sensitive patient records with administrative modules.
 - Drafted the comprehensive Software Requirements Specification (SRS) to define system architecture and logic.
 - Developed backend services to handle complex data relationships and ensure secure, efficient data retrieval.
 - Configured and deployed the application infrastructure utilizing Docker for containerization and Cloudflare for network security and routing.
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Education

University of Moratuwa

Bachelor of Science Honours in Information Technology | Mar 2024 – Jun 2028

- Currently in the second year of study at the Faculty of Information Technology (FIT).
- Consistently applying coursework to real-world software engineering projects and leadership roles.

Jaffna Hindu College

Advanced Level, Combined Mathematics | Jul 2020 – Dec 2022

- Developed a strong analytical and mathematical foundation, crucial for advanced logical problem-solving in computer science.

Jaffna Puttur Sri Somaskanda College

G.C.E Ordinary Level | Jan 2014 – Dec 2019

Certifications & Continuous Learning

- **Rest API (Intermediate)** - Demonstrates proficiency in designing, building, and consuming scalable APIs.
- **Introduction to Software Engineering (with Honors)** - Foundational understanding of software lifecycles, architecture, and team dynamics.
- **Introduction to Large Language Models** - Validation of skills related to modern generative AI technologies.
- **Introduction to HTML, CSS, & JavaScript** - Core web development competencies.
- **Introduction to Responsible AI** - Commitment to ethical AI development and deployment practices.

Soft Skills & Leadership

- **Team Leadership & Project Management:** Proven experience directing academic and organizational teams, assigning tasks, and ensuring project delivery through Agile methodologies.
- **Cross-Functional Communication:** Refined customer relations and advocacy skills developed through active roles in AIESEC and Microsoft programs.
- **Problem Solving & Adaptability:** Capacity to architect complex backend solutions, debug technical challenges, and continuously adapt to emerging technologies in AI and networking.