Sothilingam Nivethan

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Profile Summary

Computer Science graduate from the University of Colombo School of Computing with 6 months of industry experience at Boffo System Labs, where I worked on a production-grade platform. Skilled in .NET and Angular development, Azure cloud deployment, database design, authentication and authorization systems, and Agile software development practices. Built personal projects integrating AI and Large Language Models and independently delivered a client website from design through hosting and handover. Looking to contribute from day one and grow as a Software Engineer.

Education

University of Colombo School of Computing Jul 2022 - Aug 2026
BSc. in Computer Science

Jaffna Hindu College Jan 2012 - Aug 2020
GCE A/L Physical Science

Experience

Boffo System Labs Dec 2025 - May 2026
Software Engineer Intern

- Contributed to GroomEase, a multi-role grooming service management platform built using Angular, .NET Core, and PostgreSQL.
- Implemented authentication and authorization features including JWT authentication, Microsoft Entra ID SSO, Google SSO, and Facebook SSO.
- Migrated raw SQL queries into PostgreSQL functions and procedures across 15+ repositories to improve maintainability and backend structure.
- Designed and maintained technical documentation including SRS documents, Software Design Documents, Architecture Diagrams, Activity Diagrams, and Change Management documents.
- Developed features including phone number registration, webhook-based payment notifications, custom report generation, and responsive user flows.
- Wrote unit tests, prepared QA release binaries, tracked and resolved bugs collaboratively with QA engineers, and participated in Agile sprint planning using Azure Boards.
- Deployed applications to Microsoft Azure.
- Built a React Native demo application with Node.js backend integration and Supabase cloud database connectivity.

Projects

Dominion Wing - Client Company Website Jul 2026 - Aug 2026

Technologies: Next.js, TypeScript, Tailwind CSS, Framer Motion, GSAP

- Partnered with 2 fellow developers to deliver a freelance client website end-to-end, from initial client discovery through design and development.
- Deployed and hosted the site on Hostinger, configured production environment settings, and handed over the completed, live site to the client.

Website - dominionwing.com

Expense Tracker - AI powered Expense Tracking Platform Aug 2025

Technologies: Next.js, React, TypeScript, Tailwind CSS, Chart.js, Neon, Prisma, Clerk

- Built an AI-powered expense tracking system with smart categorization, authentication, and real-time an-

alytics dashboard.

- Integrated DeepSeek AI via OpenRouter to generate financial insights and automated expense classification.

GitHub -ExpenseTracker

BookHive - Book Buying and Lending Platform May 2025 - Oct 2025

Technologies: React.js, Tailwind CSS, Spring Boot, Supabase, PostgreSQL

- Developed a full-stack platform for book exchange, borrowing, bidding, and bookstore-user interactions.
- Implemented key modules including dashboards, inventory management, orders, and community features like book circles.

GitHub - BookHiveFrontend , GitHub - BookHiveBackend

TerraFit - React Native Mobile Application Mar 2026 - Apr 2026

Technologies: React Native, Node.js, Supabase

- Built a cross-platform mobile application with authentication, profile management, and dashboard features.
- Integrated backend APIs and generated APK builds for deployment across local and external networks.

LaunchPad - An Internship Management Platform Jun 2024 - Apr 2025

Technologies: HTML, CSS, JavaScript, PHP, PostgreSQL

- Contributed to a multi-role internship management system for UCSC Professional Development Centre.
- Implemented core workflows including student management, company approvals, scheduling, and complaint handling.

GitHub - LaunchPad

LIBO - Library Management System Sep 2024

Technologies: MongoDB, Express.js, React.js, Node.js (MERN Stack)

- Built a full-stack library management system supporting book reservations, borrowing, and return tracking.
- Implemented authentication and RESTful APIs for managing user requests and digital records.

GitHub - LIBO

Technical Skills

Programming Languages: C#, JavaScript, TypeScript, Java, Python, PHP, C

Frontend: Angular, React.js, Next.js, Tailwind CSS

Backend: .NET Core, Entity Framework Core, LINQ, Node.js, Express.js, Spring Boot

Databases: PostgreSQL, MSSQL, MySQL, MongoDB

Cloud & DevOps: Microsoft Azure, Azure DevOps, GitHub, Docker, Hostinger

Concepts: REST APIs, Web API, MVC, JWT, SSO, OOP, Layered Architecture, Dependency Injection, Agile/Scrum

Tools: Postman, Figma, Visual Studio, VS Code, IntelliJ, Android Studio

Certifications

- **Introduction to Cloud 101** – Amazon Web Services Training and Certification
- **Spring Boot Foundations from Packt** – Coursera

References

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