Thuverakan Tharumakulasooriyan
Software Engineering Intern

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 GitHub • in LinkedIn • 🌐 Portfolio

PROFILE

Dedicated and enthusiastic IT undergraduate seeking a Software Engineering Intern role. Developed expertise in software technologies through rigorous coursework and personal projects. Proficient in programming languages, web development frameworks, and database systems. Eager to apply knowledge and passion for software development to make meaningful contributions within the organization.

EDUCATION

SLIIT (Sri Lanka Institute of Information Technology)   2023 May - Present
BSc (Hons) in Information Technology Specializing In Software Engineering
CGPA: 3.37

Kn/Kilinochchi Maha Vidyalayam   2008 - 2021
GCE A/L (Physical Science)
Results: 2CS | Z-Score: 0.7737

TECHNICAL SKILLS

Programming Languages:	JavaScript, C#, C, Java, C++, Python, PHP, R
Web Technologies:	HTML, CSS, React.js, Express.js, JSP, Material UI, Flask, Tailwind, Node.js, Bootstrap, REST APIs, Django, Streamlit
Mobile Development:	Kotlin, Android Studio, XML
Databases:	MongoDB, MySQL, SQLite, Firebase
DevOps & Cloud:	Azure, AWS
Version Control:	Git
IDEs & Tools:	VS Code, IntelliJ, Visual Studio, Postman, PyCharm, Linux, Docker
Other:	Adobe Photoshop, Adobe XD, Figma, Premiere Pro

PROJECTS

Polymart – Eco Plastics Management System ⬡   Feb 2025 – May 2025

• This project focuses on promoting eco-friendly practices through a full-stack e-commerce platform for plastic recycling. It supports product listings, user orders, and eco-initiatives, integrating real-time data and secure transactions to enhance user trust and environmental impact.

Contribution:

As the Team Leader, I oversaw planning and system design, assigning roles and ensuring smooth collaboration. I implemented role-based authentication, developed the admin dashboard, and integrated Stripe for secure payments. I also built the invoice generation module using Node.js and PDF libraries and ensured responsive design using Material UI and React.

Technologies: **MERN | Material UI | Stripe | JWT**

MovieVerse – Movie Rating and Review System 🌐 ⬡   Feb 2025 – Mar 2025

• MovieVerse is a movie rating and review platform that allows users to explore dynamic movie data using the TMDb API. It features search, ratings, reviews, and personalized content like favorites and trailers, offering an engaging and user-friendly experience.

Contribution:

As a frontend developer, I built responsive and interactive pages using Next.js and Tailwind CSS. I implemented search functionality, user authentication, and integrated YouTube trailers within the movie detail view. I also designed and developed light/dark mode themes and favorite lists to enhance user engagement and usability.

Technologies: **Next.js | Tailwind CSS | TMDb REST API | YouTube API**

ByteBuy – POS Desktop Application ⬡   Jun 2024 – Jul 2024

• Developed a comprehensive desktop Point of Sale application using C# and .NET Framework to enhance retail sales and inventory management. The application supports product management, real-time inventory tracking, sales processing, and generates PDF receipts, providing a seamless user experience. It securely integrates with a MySQL database for efficient data storage and retrieval.

Technologies: **C# | .NET Framework | MySQL | Windows Forms**

MKCA – Live Website with AI Chatbot ⌂ ⊕   Mar 2025 – Jun 2025

- Developed a responsive, data-driven website for MKCA featuring a Natural Language-Based chatbot that provides interactive responses based on user input keywords. The platform improves user engagement by offering instant support and information retrieval through an intelligent chatbot interface. Managed backend APIs using Flask with MongoDB for dynamic data handling and deployed the site with a custom domain using Name.com, integrating DNS and hosting via GitHub Pages with GitHub Education benefits.

Technologies: **Python (Flask) | HTML | CSS (Tailwind) | JavaScript | MongoDB | DNS**

ArogyaCare – Hospital Management System ⌂   Apr 2024 – Jul 2024

- Developed a hospital management system for Arogya Care using Java, JSP, and MySQL to streamline patient records, appointments, and administrative operations. The system follows the DAO architecture for efficient data handling and integrates a responsive user interface for a smooth, secure hospital workflow.

Technologies: **Java | JSP (Java Server Pages) | CSS | MySQL | Apache Tomcat**

MyRupees – Personal Finance Tracker Android App ⌂ ⊕   Apr 2024 – Jun 2024

- Developed a personal finance tracking app focused on helping users manage income, expenses, and budgets. Key features include multi-user login, category-wise expense tracking, recurring payments, and budget alerts. The app supports cloud sync with Firebase, local data storage using SQLite, and CSV export for reporting, all within a mobile-first, intuitive UI.

Technologies: **Kotlin | Firebase | SQLite | SharedPreferences**

Sri Lanka Knowledge University Online University Help Desk ⌂   Apr 2024 – Jul 2024

- Developed a full-featured support system for Sri Lanka Knowledge University using traditional web technologies. The application streamlines communication between students and university staff, offering user authentication, ticket-based query handling, and an organized system for managing academic and administrative requests.

Technologies: **PHP | HTML | CSS | JavaScript | MySQL**

CERTIFICATES

Fundamental C# with Microsoft | freecodecamp

AZ-900T00-A - Microsoft Azure Fundamentals | Microsoft

Full Stack Development | CODL University of Moratuwa

AWS Master Course

UI/UX | Great Learning

User Experience Accenture | FutureLearn

CO-CURRICULARS

IEEE Student Branch of SLIIT   2024 - Present
Member

Mozilla Community of SLIIT   2025 - Present
Member

Future Leaders Conference | Sri Lanka Unites   2018
Participant of the national youth leadership summit focused on reconciliation, leadership, and social impact, organized by Sri Lanka Unites.

LANGUAGES

English (Professional Working Proficiency)

Tamil (Native)

Sinhala (Intermediate)

REFERENCE

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