UMER FAROOK ASFA THAHANI

SOFTWARE DEVELOPMENT INTERN | ASPIRING SOFTWARE ENGINEER

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PROFILE

I enjoy turning everyday problems into useful software and exploring how thoughtful design and solid engineering work together. Through mobile, web, and desktop projects, I have built a foundation in application development. I am seeking an internship where I can contribute to real products, learn from experienced engineers, and grow as a software developer.

EDUCATION

Higher National Diploma in Information Technology (HNDIT) 2024 - Present

Sri Lanka Institute of Advanced Technological Education (SLIATE), Dehiwala | **GPA: 4.00/4.00** (Semesters 1-3)

Core Modules: Software Development(A+), Object-Oriented Programming(A), Data Structures & Algorithms(A+), Web Programming(A+), Database Management Systems(A+), System Analysis & Design(A+), Principles of UI Design(A+), Web Design(A+)

TECHNICAL SKILLS

Languages: Dart, Java, JavaScript, C#, PHP, SQL, HTML, CSS
Frameworks & Platforms: React.js, Node.js, Express.js, Flutter, Java Swing, Windows Forms, Supabase
Data & Integrations: MongoDB Atlas, Mongoose ODM, PostgreSQL, MySQL, SQL Server, WebSockets, Google OAuth, Google Maps API, Google Gemini AI API, RESTful APIs
Tools: Git, GitHub, Postman, VS Code, Visual Studio, Figma, Google ML Kit, npm

SELECTED PROJECTS

Circl | Resource-Sharing and Microservices Mobile App Flutter · Supabase · PostgreSQL

- Created a location-based platform that connects people to borrow or rent items, exchange favours, and complete paid micro-tasks; implemented proximity search and a four-tier rewards system.
- Integrated Google OAuth, real-time WebSocket messaging, PayHere sandbox payment flows, and ML Kit OCR for NIC extraction with hashed identity data.

GP-Auto | Workshop Management System React.js · Node.js · Express.js · MongoDB Atlas

- Developed a full-stack workshop management application with a RESTful Mongoose ODM backend to centralize real-time inventory tracking, sales, expenses and PDF-style invoicing.
- Built an analytics dashboard featuring data visualizations, and integrated the Gemini AI API to generate automated executive business insights from sales and cost-to-profit metrics.

GP AutoAccounts | Accounting & Inventory System C# · Windows Forms · SQL Server

- Designed a workshop-focused desktop system after analysing automotive business workflows, centralizing sales, stock, expenses, and customer balances to support invoice generation, financial reports, and a relational-data dashboard.

Memory Lane | Digital Scrapbook Web App JavaScript · PHP · MySQL

- Built an interactive digital scrapbook where users arrange memories on a 2D Canvas; implemented drag-and-drop positioning, undo/redo history, image downscaling, and API-based data handling.

SmartDine | Restaurant Management System Java Swing · MySQL

- Developed a desktop ordering and management tool for restaurant cashiers and managers, linking cart and menu operations with inventory, transaction records, and business reporting.

Circl Web | Product Showcase Website HTML · CSS · JavaScript

- Designed a companion landing page to explain the mobile app, including an in-browser screen simulator, light/dark themes, and a trilingual interface toggle.

CERTIFICATIONS

- Web Design for Beginners - University of Moratuwa (CODL)
- Introduction to Figma - Simplilearn (2025)
- User Interface Design with Figma - Alison (2025)

LANGUAGES

English · Tamil · Sinhala