

Kavini Gamalath

Software Engineering Student

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PROFESSIONAL SUMMARY

Software Engineering student specializing in full-stack development with the MERN stack (MongoDB, Express.js, React, Node.js). Experienced in building responsive web applications, REST APIs, and Android apps using Java/Kotlin. Dean's List honoree with certifications in Postman API Fundamentals and Agile Project Management. Seeking an internship to apply technical skills and contribute to innovative software solutions.

SKILLS & ABILITIES

- **Full-Stack Development:** Proficient in the MERN stack (MongoDB, Express.js, React, Node.js) for building scalable, interactive web applications, with a strong focus on backend logic, API development, and user experience.
- **Programming Languages:** Skilled in JavaScript, Java, Kotlin, SQL with a solid understanding of data structures and algorithms.
- **UI/UX Design:** Experienced in creating intuitive, user-friendly interfaces and interactive prototypes in Figma, with a focus on enhancing user engagement. Proficient in using Tailwind CSS for responsive, modern designs and Framer Motion to implement smooth animations and transitions that elevate user interaction.
- **Version Control:** Proficient in Git and GitHub for source code management, version control, and collaborative development.
- **Android Development:** Experienced in creating Android applications using Java and Kotlin, with expertise in UI/UX design.

SOFT SKILLS

Leadership	Adaptability	Analytical Thinking	Teamwork
Problem-solving	Time Management	Fast Learner	Self-Motivated

PROJECTS

Food Ordering and Delivery System

Full-stack development using microservice architecture

- Developed core microservices for User Service (authentication, authorization, profile management) and Order Service (order lifecycle, status tracking, order processing workflow with MongoDB) with frontend using MERN stack.
- **Technologies Used:** JavaScript, Node.js, Express.js, MongoDB, React.js, Vite, JWT, Docker, Git (CI/CD pipelines), REST APIs
- **GitHub Repository:**
https://github.com/SLIIT-Y3S1-DS-Project/food_ordering_and_delivery_system

Country Explore: Frontend Project

React frontend application consuming the REST Countries API

- Developing a web application where travelers can get details about different countries. Supports User Session using google Sign-In via firebase authentication. Favorite countries are persistently stored and managed in cloud firestore with responsive user interface.
- **Technologies Used:** React, Vite, Firebase Authentication (Google Auth), Cloud Firestore, Tailwind CSS, Material-UI, Axios, Jest
- **GitHub Repository:** <https://github.com/Kavinigamalath/countries-app>
- **Live Preview:** <https://countries-app-ahb.pages.dev>

Finance Tracker: Backend Project

RESTful API for managing a Personal Finance Tracker system

- This involves the development of a RESTful API for managing a Personal Finance Tracker system. The API is designed to ensure secure access, data integrity, and user-friendly interfaces while providing core functionalities such as Manage financial records, Track expenses, set budgets, Analyze spending trends.
- **Technologies Used:** Node.js, MongoDB, JWT, Nodemailer, REST APIs, Jest and Supertest (For testing)
- **GitHub Repository:** <https://github.com/Kavinigamalath/Backend--Finance-Tracker>

Customer Management System: Java Web Application

Full-stack web application for managing customer profiles with CRUD operations

- Developed a responsive, secure customer management system using Java Servlets, JSP, and MySQL, enabling users to create, read, update, and delete customer profiles. Designed a modern, mobile-friendly frontend.
- **Technologies Used:** Java, Servlet, JSP, MySQL, HTML5, CSS3, Font Awesome, Bootstrap-inspired responsive design.
- **GitHub Repository:** https://github.com/Kavinigamalath/customer-management_-Java

My Portfolio Website

Professional portfolio showcasing technical skills and projects

- Built with React and Three.js for immersive 3D elements. Features responsive design, dynamic content loading, and smooth animations with Framer Motion.
- **Technologies Used:** React.js, Vite, Three.js, Framer Motion, Modern UI/UX design principles
- **Live Preview:** <https://kavinigamalath.github.io/myPortfolio/>
- **GitHub Repository:** <https://github.com/Kavinigamalath/myPortfolio.git>

HealthHorizon: UI design

UI design for a health and fitness tracker app built using Android Studio

- This project showcases the UI design for a health and fitness tracker app built with Android XML and Kotlin in Android Studio. The app follows the 60-30-10 rule for color.
- **Technologies Used:** Android XML, Kotlin, Android Studio IDE
- **GitHub Repository:** <https://github.com/Kavinigamalath/HealthHorizon>

EDUCATION

- **Expected Graduation 2027 Bachelor of Honor in Information Technology specialization in Software Engineering**
Sri Lanka Institute of Information Technology (SLIIT)
Current GPA: 3.38
SLIIT Dean's List: year 2, semester 2
Third-year undergraduate
- **Expected Graduation 2027 Bachelor of Business Management Honours in Financial Engineering**
University of Kelaniya
Current GPA: 3.36
Third-year undergraduate
- **G.C.E Advanced Level**
Visakha Vidyalaya, Colombo 05
2020-2022
Achieved three A passes in Commerce Stream
- **G.C.E Ordinary Level**
Dharmapala Vidyalaya, Pannipitiya
2008-2019
Achieved nine A passes

CERTIFICATIONS

- **Postman API Fundamentals Student Expert** — Postman — May 2025
- **Ethical Artificial Intelligence (AI) Course** — The Chartered Institute for Securities & Investment — January 2025
- **Python for Beginners** — Open learning platform, University of Moratuwa — July 2024
- **Web Design for Beginners** — Open learning platform, University of Moratuwa — July 2024
- **Data Science & Analytics** — HP Life — January 2025
- **Agile Project Management** — HP Life — January 2025
- **IT for Business Success** — HP Life — January 2025

COMMUNICATION

Strong written and verbal communication skills in both English and Sinhala, with the ability to provide constructive feedback and collaborate effectively with stakeholders to achieve common goals.

REFERENCE

Name: R.K. Pushpakumara
Position: Chief Inspector Of Police
Organization: Police Station, Meegoda
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