

# KAVINI GAMALATH

## SOFTWARE ENGINEER INTERN

📍 SRI LANKA, HOMAGAMA

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🌐 <https://github.com/Kavinigamalath>

in [www.linkedin.com/in/kavinigamalath](https://www.linkedin.com/in/kavinigamalath)

🌐 <https://kavinigamalath.github.io/myPortfolio/>

## OBJECTIVE

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Aspiring to secure a full-stack development internship to leverage and deepen my expertise in MERN stack technologies. Motivated to contribute effectively to innovative projects, delivering scalable, user-focused applications within a dynamic, team-oriented environment.

## SKILLS & ABILITIES

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- **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

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|------------|-----------------|---------------------|--------------|---------------------|
| Leadership | Communication   | Presentation Skills | Adaptability | Analytical Thinking |
| Teamwork   | Problem-solving | Time Management     | Fast Learner | Self-Motivated      |

## PROJECTS

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### Food Ordering and Delivery System

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#### 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. Implemented JWT-based authentication with role-based access control. Collaborated via Git with CI/CD pipelines (GitHub Actions) and containerized deployment using Docker
- **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](https://github.com/SLIIT-Y3S1-DS-Project/food_ordering_and_delivery_system)

## Country Explore: Frontend Project

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### 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

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### 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>

## My Portfolio Website

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### 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. Optimized performance for fast loading times with clean, content-focused layout.
- **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

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### 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>

## Coffee Shop App: UI mockups using Figma

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### User interface design for a coffee shop mobile app

- Designed intuitive interface for browsing menu, placing orders, and managing coffee preferences. Created comprehensive Figma mockup showcasing user journey and app design. Focused on creating seamless and visually appealing coffee shop experience.
- **Technologies Used:** Figma, Design System, Prototyping
- **Design Preview:**  
<https://www.figma.com/design/keVm8GOTQm4FPzxGRJYKD2/Kavini-Gamalath-s-team-library?t=xAXPKXr5A16bJwDh-1>

- **GitHub Repository:**  
<https://github.com/Kavinigamalath/UI-mockups-Coffee-shop-mobile-application>

## EDUCATION

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- **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

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- **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

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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

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