

# KAVINI GAYANTHI

## Software Engineer (Internship)

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### PROFILE

Motivated undergraduate Software Engineer pursuing a BSc (Hons) in Computing & Information Systems at Sabaragamuwa University of Sri Lanka. Skilled in developing modern web applications using React.js, Node.js, Express.js, and HTML, CSS, with solid knowledge of Java, JavaScript, Typescript, PHP, Python and databases like MongoDB and MySQL. Passionate about creating efficient, user-friendly solutions and continuously improving technical and problem-solving skills through academic and personal projects.

### EDUCATION

**BSc. (Hons) in Computing & Information Systems** 2023–present  
Sabaragamuwa University of Sri Lanka

**G.C.E Advanced Level - Physical Science Stream (B C C)** 2021  
MR/ Puhulwella National college

### PROJECTS

#### **Intima - Group**

- Built an AI-powered chatbot to assist with sexual and OB/GYN health queries using OpenAI API and Weaviate vector database.
- Integrated file upload, natural language understanding, and real-time chat UI.
- Technologies Used - Figma, React Native + Expo, Django REST Framework, PostgreSQL, OpenAI GPT

#### **A Creative Design Studio - Individual**

- This project features lightning-fast development, hot module replacement, and a scalable architecture for modern web apps.
- Leveraging Vite's build speed, React's component-based UI, and TypeScript's type safety, I've created a robust foundation for future features and growth.
- Technologies Used - Vite, React.js, and TypeScript

#### **Restaurant Website- Individual**

- A full-stack restaurant web application built to deliver a premium and immersive dining experience online.
- The frontend focuses on modern UI/UX with clean layouts, high-quality visuals, responsive design, smooth user flow, and accessible interaction patterns.
- The backend handles dynamic content management, menu updates, customer inquiries, and secure data handling.
- Technologies Used – Figma, React.js, Node.js, Express.js, MongoDB

#### **Hotel Booking System - Individual(Ongoing)**

- In this full stack project build a fully functional Hotel Booking website.
- This is a Hotel booking system where users can book hotel rooms. Users can also add new hotel rooms on this website and manage the hotel bookings from the admin dashboard.
- It also provides beautiful and ready to use UI components like Sign-In, Sign-up and profile component for react app.
- Technologies Used - MERN Stack

#### **Weather App - Individual**

- Created a real-time weather information platform.
- Users can add cities by name and remove cards. Implemented API integration to retrieve temperature, pressure ,visibility ,humidity, sunrise and sunset data.
- Demonstrated strong backend logic and front-end design practices.
- Technologies Used - React.js , Node.js , Express.js , OpenWeatherMap API

## Vehicle Validation Performance and Analytics Management System - Group(Ongoing)

- Designed analytics dashboards for real-time performance monitoring.
- Automated transaction logging and service tracking for Rawan Auto Care.
- Implemented vehicle valuation reporting with advanced UI components.
- streamlined operational workflows through a centralized management portal.
- Technologies Used - MERN Stack, Material UI , Chart.js

## TECHNICAL SKILLS

### Programming Languages

C , HTML , CSS , JavaScript , TypeScript , Java , PHP , Python

### Frameworks and Libraries

React.js , Node.js , Express.js , Next.js , React Native and Tailwind CSS

### Databases

MySQL , MongoDB

### Technologies and Tools

VS Code , Git , GitHub , Figma , Postman , SQL Serve

## SOFT SKILLS

Teamworking

Communication Skills

Leadership

Time Management

Problem-Solving

## CERTIFICATES

### Web Design for Beginners

UOM

### Python for Beginners

UOM

### ReactJS for Beginners

Simplilearn

### Java Programming for Beginners

Simplilearn

### ML for Beginner

Sololearn

### Introduction to Graphic Design; Basics of UI/UX

Simplilearn

### Introduction to Figma

Simplilearn

## VOLUNTEERING & EXTRA CURRICULAR ACTIVITIES

### Top 10 teams in the Idea Stage

IEEE Innovation Nation 2024 Sabaragamuwa Province Competition

### participate in Algoxplore 1.0

Hackathon Hub of NSBM Green University

### Semifinals of the Cre8X UI/UX

General Sir John Kotelawala Defence University 2024

### Secretary Team (Volunteer)

InspireIEEE Volunteer Awareness Session

### Marketing Team (Volunteer)

PearlHack 3.0 , IEEE WIE Student Branch Affinity Group of SUSL

### Content Writer (Volunteer)

IEEE WIE Student Branch Affinity Group of SUSL

## REFERENCES

**Prof.BTGS Kumara**, Professor in Computer Science, Faculty of Computing, Sabaragamuwa University of Sri Lanka  
kumara@foc.sab.ac.lk, +94714431193

**Chamod Lakmal**, Associate Tech Lead, Digital Mobility Solutions Lanka PLC (PickMe)  
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