

Heshan Chamika Peiris

Full-Stack Developer

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Portfolio: <https://portfolio-git-main-heshan-chamikas-projects.vercel.app>

Objective

I am a Software Engineering undergraduate with expertise in UI/UX design, full-stack development, and project management. Proficient in JavaScript, Java, and ReactJS. Skilled in MERN stack, React Native, and database management, I am a creative problem solver with strong communication and teamwork skills. Seeking opportunities to contribute to impactful projects and grow as a software engineer.

Education

- **Mahanama College, Colombo 03 – G.C.E. Ordinary Level (2018)**
9A Passes (Commerce, Art, ICT)
- **Mahanama College, Colombo 03 – G.C.E. Advanced Level (2021)**
1C Pass (Combined Mathematics) & 2S Passes (Physics and Chemistry)
- **Sri Lanka Institute of Information Technology (SLIIT) – BSc (Hons) in Information Technology specializing in Software Engineering (2022 – Present)**
CGPA: 3.2 (Year 3 Semester 2)

Work Experience

- Intern Web Developer- Information Communication Technology Agency (ICTA) - **Feb 2025 to August 2025**
Designed and implemented a web-based system for aggregating information from governmental organizations throughout Sri Lanka.

Skills & Abilities

- **Programming Languages & Frameworks:** JavaScript, ReactJS, NodeJS, ExpressJS, Bootstrap, Tailwind, Java, Python, PHP, C++, C
- **Web Development Tools:** HTML5, CSS, ReactNative, MongoDB, MySQL, Firebase, SQLite, Appwrite, Flask
- **Mobile Development:** ReactNative, Java, XML, NativeWind
- **Tools & Technologies:** Visual Studio Code, GitHub, Figma, Postman, Android Studio, IntelliJ IDEA, PHPMyAdmin, MongoDBCompass, Eclipse
- **Cloud & Hosting Platforms:** Vercel, Netlify, Render, Firebase Hosting, Ubuntu Server (Apache hosting)
- **Soft Skills:** Interpersonal, Creative Problem Solving, Communication, Teamwork, Collaboration

Projects

- **EatEase – Food Delivery & Management System**

Built a full-stack food delivery platform with microservices architecture for managing vendors, orders, and deliveries in real-time.

Technologies: MERN Stack(ReactJS, NodeJS, ExpressJS, MongoDB), Microservices

- **AgriPeace**

Optimizer for Traditional Agricultural System

Developed an advanced agricultural management system to support small-scale farmers in Sri Lanka.

Features include crop yield prediction, plant disease management, and cost management.

Technologies: MERN Stack, Tailwind

- **FitBalance360 – Wellness App (Mobile)**

Developed a comprehensive wellness app with fitness tracking, sleep monitoring, and relaxation techniques.

Integrated BMI calculation and stress rate questionnaires for personalized recommendations.

Technologies: ReactNative, Firebase, NativeWind

- **FreshRoute – Fruit Collecting & Distributing System**

Simplified fruit distribution between purchasers and farmers through a store-less platform.

Utilized predictive analysis for efficient order fulfillment and provided technical assistance to farmers.

Technologies: MERN Stack (ReactJS, NodeJS, ExpressJS, MongoDB)

- **Rapid Rush – Game (Mobile)**

Developed a mobile game where players control a car to avoid collisions with oncoming traffic.

Features include Pause/Play functionality, high-score tracking, and reset options.

Technologies: Android Studio, Kotlin, XML, SQLite, Gradle

- **Task Master – To-Do App**

Created a task management app allowing users to add, modify, and delete tasks.

Included search functionality and task details for better organization.

Technologies: Android Studio, Kotlin, XML, SQLite, Gradle

- **EcoTech – Smart Waste Management System**

Designed a flexible waste management platform for urban environments.

Features include user-friendly accounts, data-driven insights, and analytical reports for authorities.

Technologies: MERN Stack (ReactJS, NodeJS, ExpressJS, MongoDB)