

 Homagama, Sri Lanka |  sameerajayakodi456@gmail.com |  +94 770309842

PROFILE

Computer Science graduate with a strong interest in software engineering and full-stack development. Experienced in building responsive web applications using Spring Boot and the MERN stack. Proficient in JavaScript, React, Node.js, and databases, with a solid understanding of UI/UX design and modern development practices. Focused, collaborative, and eager to contribute to innovative development teams.

AREA OF EXPERTISE

Languages: JavaScript, Java, Python, SQL, Dart
Frontend: React.js, React Native, Flutter, HTML/CSS, Tailwind CSS, Figma
Backend: Node.js, Express.js, Spring Boot, ASP.NET Core
Databases: MySQL, MongoDB, SQL Server
Tools/DevOps: GitHub, AWS (EC2, RDS), Vercel, JWT, Clerk, Cloudinary
Other: Figma, Dialogflow, Git, REST APIs, Agile

EXPERIENCE

Freelance React Developer (Contract)
Wemixt Software Company – Remote
Feb 2025 – May 2025

- Delivered a React.js website for Devisers Immigration within a 2-month deadline, meeting all client UX and functionality requirements.
- Collaborated on agile sprints with PMs to deliver all client requirements within the deadline.

PROJECTS

HireLink – Job & Skill Development Platform with AI Integration **Backend | Frontend**
React | React Native | Spring Boot | MySQL | AWS | Dialogflow

Developed a multi-role platform for job seekers, employers, and trainers with AI-powered features.

- Built AI-powered job portal for seekers, employers, and trainers.
- Developed REST APIs with Spring Boot; merged IBM Watson & OpenAI for smart job suggestions.
- Chatbot integration using Dialogflow for support; deployed full stack on AWS.

Kitty Care Petshop POS System **Backend | Frontend**
Java | JavaFX | MySQL | MVC

- Engineered a JavaFX GUI-based system with JDBC backend for order and inventory tracking.
- Followed MVC pattern ensuring modularity and maintainability.

Torva – Real-World Treasure Hunt Mobile App

Backend | Frontend

Flutter | Firebase | Firestore | Google Maps API | Cloud Functions | GitHub

- Built a cross-platform mobile game with GPS-based treasure hunts and puzzle-solving.
 - Integrated Google Maps and Firebase for auth, real-time data, and notifications.
 - Implemented user roles, leaderboards, multiplayer, and wishlist features.
 - Created responsive UI/UX and managed Agile development via GitHub.
-

Knuckles View – Hotel Management System

Backend | Frontend

MySQL | SQL Procedures | Triggers | Views | ERD | 3NF

- Built a database-driven system to automate hotel bookings, billing, check-ins, and service tracking.
 - Planned a normalized 3NF schema with ERD and implemented core logic via procedures, triggers, and views.
 - Enabled BI dashboards for revenue and customer analytics, reducing manual errors and centralizing data.
-

Homomorphic 101 – Homomorphic Encryption Demo

Backend | Frontend

Python | Flask | NumPy | HTML5 | Bootstrap | JavaScript | Chart.js

- Created an interactive web app demonstrating homomorphic encryption with real-time visualizations and step-by-step simulations.
-

Shoetopia e-commerce web project

Backend | Frontend

JSP | Servlets | MySQL | Tailwind | Flowbite | JQuery | SweetAlert

- Developed a full-stack e-commerce platform, Shoetopia, for online footwear sales using JSP, Java Servlets, and MySQL.
-

HireSphere – Job Portal Web Application

Backend | Frontend

React | Node.js | MongoDB | Clerk Auth | Vite | Atlas

- Built a job portal with admin dashboard and user role management.
- Used Clerk for secure authentication and Cloudinary for media uploads.
- Developed REST APIs with Express.js, and deployed full stack on Vercel.

Auction House - Auction Management System

Backend | Frontend

React.js | Tailwind CSS | ASP.NET Core | Entity Framework | SQL Server

- Implemented dynamic bidding, user roles, and auction monitoring with JWT auth.
- Designed responsive UI with Tailwind and React Router.

Facebook Clone Client - React Native Application

Backend | Frontend

- Recreated Facebook-style UI/UX with profile management and real-time updates.

EDUCATION

BSC (HONS) COMPUTER SCIENCE

Oct 2022 - Dec 2026

NSBM Green University

- Focus: Software Engineering, Algorithms, Databases, AI, Cybersecurity, Cloud Computing
- Industry Training Projects and Systems Design

Advanced Fullstack Developer Program

Jun 2024 - Dec 2024

Academy of Computer Programming and Training (ACPT)

- Practical training in web, mobile, and desktop app development

University of Moratuwa – Short Courses

Jun 2022 - Dec 2023

- Python Programming, Angular Front-End, Node.js Backend.
- Completed a capstone project and studied software development best practices.

GCE A/L - Math, Physics, Chemistry

Aug 2019 - Aug 2020

- St. Joseph's College, Bandarawela | Aug 2019 – Aug 2020

GCE O/L - Core Subjects

Dec 2015 - Dec 2016

- St. Joseph's College, Bandarawela | Dec 2015 – Dec 2016

CERTIFICATION

- Python & Web Development – University of Moratuwa
- Advanced Fullstack Program – ACPT

LEADERSHIP AND ACTIVITIES

Volunteer, National IT Conference – Sri Lanka

- Assisted in event coordination, registration, and tech support for Sri Lanka's leading IT conference.
- Executive Committee Member, CSSL GenZ Chapter – NSBM (2024–2025)
- Event Organizer, Nexora – NSBM Department Circle (CS & DS)