



SAMEERA JAYAKODI

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SOFTWARE ENGINEER INTERNSHIP

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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, PHP

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

GoviMart – Full Stack Grocery Delivery Web Application

Backend | Frontend

React.js | Node.js | Express.js | MongoDB | Stripe | Vite | Tailwind | Cloudinary | JWT | Multer

- Developed a full-stack grocery delivery app with user/admin dashboards, secure authentication, dynamic product management, and Stripe payment integration.

HireLink – Job & Skill Development Platform with AI Integration

Backend | Frontend

React | Spring Boot | MySQL | AWS | Gemini API

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 and Chatbot integration using Gemini API

Kitty Care Petshop POS System	Backend Frontend
Java JavaFX MySQL MVC	
<ul style="list-style-type: none">Engineered a JavaFX GUI-based system with JDBC backend for order and inventory tracking.Followed MVC pattern ensuring modularity and maintainability.	
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HireSphere – Job Portal Web Application using MERN stack	Backend Frontend
React Node.js MongoDB Clerk Auth Vite Atlas	
<ul style="list-style-type: none">Used Clerk for secure authentication and Cloudinary for media uploads.Developed REST APIs with Express.js, and deployed full stack on Vercel.	
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Torva – Real-World Treasure Hunt Mobile App	Backend Frontend
Flutter Firebase Firestore Google Maps API Cloud Functions GitHub	
<ul style="list-style-type: none">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.	
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PHP Prescription Management System	Backend Frontend
PHP MySQL JavaScript Tailwind CSS	
<ul style="list-style-type: none">Built a full-stack healthcare platform with multi-pharmacy quotations, drag-and-drop prescription upload, secure role-based access, and real-time email notifications.	
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Shoetopia e-commerce web project	Backend Frontend
JSP Servlets MySQL Tailwind Flowbite JQuery SweetAlert	
<ul style="list-style-type: none">Developed a full-stack e-commerce platform, Shoetopia, for online footwear sales using JSP, Java Servlets, and MySQL.	
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Homomorphic 101 – Homomorphic Encryption Demo	Backend Frontend
Python Flask NumPy HTML5 Bootstrap JavaScript Chart.js	
<ul style="list-style-type: none">Created an interactive web app demonstrating homomorphic encryption with real-time visualizations and step-by-step simulations.	
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Auction House - Auction Management System	Backend Frontend
React.js Tailwind CSS ASP.NET Core Entity Framework SQL Server	
<ul style="list-style-type: none">Implemented dynamic bidding, user roles, and auction monitoring with JWT auth.Designed responsive UI with Tailwind and React Router.	
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Knuckles View – Hotel Management System	Backend Frontend
MySQL SQL Procedures Triggers Views ERD 3NF	
<ul style="list-style-type: none">Planned a normalized 3NF schema with ERD and implemented core logic via procedures, triggers, and views.	

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

GCE O/L - Core Subjects

Dec 2015 - Dec 2016

- St. Joseph's College, Bandarawela

CERTIFICATION

- Trainee Fullstack Web Developer – 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)

REFERENCES

Mr .Yasindu Sathsara

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