

SAHAN VIMUKTHI

Junior Software Engineer | Full Stack Developer

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PROFILE

First Class Software Engineering graduate with professional software development experience at the University of Peradeniya IT Center and Alpha Eye Software Solutions. Skilled in RESTful API development, full-stack web applications (MERN & Java Spring Boot), and intuitive UI/UX design. Excited to contribute to a collaborative engineering team as a Junior Software Engineer.

EDUCATION

BSc First Class Honours in Software Engineering <i>ICBT Campus Cardiff Metropolitan University</i>	2026
Higher Diploma in Software Engineering <i>ICBT Campus Cardiff Metropolitan University</i>	2023 - 2025
OTHM Level 3 Diploma in Information Technology and English <i>ICBT Campus</i>	2024

WORK EXPERIENCE

Software Developer <i>University of Peradeniya IT Center</i>	2026 Apr – 2026 Oct
- Developed and maintained web and desktop software solutions using Next.js, React, Electron.js, Express.js, and Spring Boot. - Designed and implemented RESTful APIs and backend services to support web and desktop applications and integrate dynamic data sources. - Collaborated with stakeholders to analyze requirements, design interfaces, implement features, troubleshoot issues, and deliver production-ready applications. - Managed end-to-end development activities, including frontend development, API integration, testing, deployment, and application maintenance.	
UI/UX Designer, Full Stack Developer <i>Alpha Eye Technologies (Pvt) Ltd</i>	2024 - 2026
- Designed responsive, user-centered interfaces and design systems for web applications, focusing on usability, accessibility, and consistent user experiences. - Translated UI/UX designs into functional frontend interfaces and collaborated with developers to ensure accurate implementation of approved designs. - Worked on client projects across automotive, transportation, hospitality, and other business domains, delivering UI/UX and web development solutions.	
Freelance <i>Freelance projects and personal projects</i>	2023 - 2026
- Freelance UI/UX Design, Prototyping and Full Stack Projects: Designed responsive user interfaces, design systems, interactive prototypes, full stack web projects for freelance client applications. - Gaming Tournament Management Platform & AI Powered Interview Prep Platform: Built a full stack MERN web application featuring automated resume generation and interactive interview preparation tools. - Receipt Generator API: Developed a backend billing service with Spring Boot to generate, manage, and process printable/digital receipts.	

PROJECTS

IT Center Web Portal — Peradeniya University IT Center Web

Work Project

Next.js, TypeScript, Tailwind CSS, REST APIs · Web: <https://www.ceit.pdn.ac.lk/>

- Developed a full-stack web portal for the University of Peradeniya IT Center, centralizing IT services, information, and institutional content into a responsive web platform.
- Designed and implemented reusable frontend components and responsive interfaces using Next.js and modern UI development practices.
- Integrated RESTful backend services and APIs to connect the frontend with dynamic institutional data and deployed the application for production use.

Notice Board & Reservation System — Peradeniya University IT Center

Work Project

Electron.js, React, TypeScript, REST APIs, Google Apps Script · GitHub: <https://github.com/vimukthi7777/NoticePDN>

- Developed a cross-platform desktop application and web-based administration panel for managing and displaying institutional notices.
- Implemented centralized notice management functionality, enabling administrators to create, update, and manage notices for real-time display.
- Integrated the Electron desktop application with backend services and APIs to provide synchronized notice data across the management and display systems.

Meeting Schedule Display System — Governors secretariat office NCP

Client Project

React, Tailwind CSS, REST APIs, , Google Apps Script · GitHub: <https://github.com/vimukthi7777/MeetingGovNPC>

- Designed an intuitive display interface optimized for clear, real-time presentation of upcoming meetings and schedule information.
- Implemented the application using Electron.js and React, enabling deployment as a standalone desktop solution.

Overland Automobiles Web — UI/UX Design & Frontend Development

Work Project

Figma, Next.js, React, TypeScript, Tailwind CSS · Web: <https://www.overlandautomobiles.lk/>

- Designed a modern, user-centered automotive website for Overland Automobiles, focusing on intuitive navigation, vehicle discovery, and a responsive browsing experience.
- Translated approved UI/UX designs into a responsive frontend using React and modern web development practices, implementing reusable components and interactive interfaces.

Rise LK — Gaming Tournament Management Platform

Client Project

Next.js, TypeScript, TypeScript, REST APIs, Google Apps Script · GitHub: <https://github.com/vimukthi7777/riseweb>

- Developed a responsive web platform for managing and promoting gaming tournaments, providing players with centralized access to tournament information and updates.
- Implemented dynamic tournament-related content and frontend interactions to support the platform's gaming community operations.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java, SQL

Frameworks & Libraries: React.js, Next.js, Spring Boot, Express.js, Electron.js, Tailwind CSS

Backend & Databases: Node.js, REST APIs, MongoDB, PostgreSQL, MySQL

Tools & Platforms: Git, GitHub, VS Code, Postman, Figma

Development Practices: Full-Stack Development, REST API Development, Role-Based Access Control (RBAC), UI/UX Design & Prototyping

Areas of Interest: Full-Stack Development, Backend & API Development, UI/UX Design & Prototyping

Soft Skills: Problem Solving, Quick Learner, Team Collaboration, Time Management, Attention to Detail

Languages: Sinhala, English

Availability: Open to Full-Time and Remote Opportunities

REFERENCES

Suren Gunarathna

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