

PRABASH VIJAYANGA

SOFTWARE ENGINEERING INTERN

FRONTEND & FULL-STACK DEVELOPER



CONTACT

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github.com/prabashvijayanga

LANGUAGES

- Sinhala (Native)
- English (Working Proficiency)

TECHNICAL SKILLS

- Frontend:** React.js, Next.js, Vite, TypeScript, JavaScript, JSX, HTML, CSS, Tailwind CSS
- Backend:** Java Spring Boot, Node.js, RESTful API Design
- Database:** MySQL, Database Design & Management
- Programming Languages:** JavaScript, TypeScript, Java (Currently Learning), Python (Basic)
- Tools & IDEs:** VS Code, IntelliJ IDEA, Git & GitHub, MySQL Workbench, Postman

PROFILE

Motivated Software Engineering undergraduate at The Open University of Sri Lanka, highly passionate about frontend and full-stack development. Through personal and academic projects, I have gained hands-on experience working with React.js, Next.js, TypeScript, and Java Spring Boot. I actively enjoy building secure full-stack web applications, integrating RESTful APIs, and managing MySQL databases. Constantly eager to learn and explore new technologies, demonstrated by completing 100+ certifications across various learning platforms, including Microsoft and LinkedIn. I am currently seeking a software engineering internship to contribute my practical coding skills while growing alongside a collaborative tech team.

EDUCATION

Bachelor of Software Engineering (Hons) - Undergraduate
The Open University of Sri Lanka (OUSL) | Nov 2023 – Present
Currently in 3rd Year.

GCE Advanced Level (Physical Science Stream)
Central College Piliyandala | 2022
Subjects: Combined Mathematics, Physics, Chemistry

PROJECTS

Global Smart Lost & Found System (LFS) | Full-Stack Developer
React 18 (Vite), Tailwind CSS, Java 21, Spring Boot 3+, MySQL 8, JWT

A global full-stack web application enabling users to seamlessly report, search, and securely claim lost and found assets.

- Architected a highly responsive frontend using React 18 (Vite) and Tailwind CSS, featuring advanced search filters and interactive UI components.
- Engineered a secure Java 21 and Spring Boot 3+ backend, implementing JWT authentication and strict role-based access control (RBAC).
- Developed an identity-verified claiming workflow with real-time notifications, allowing original reporters to autonomously review and approve structured proof of ownership.
- Designed a centralized admin dashboard for platform moderation, empowering administrators to monitor system activities and efficiently purge fraudulent reports.

SOFT SKILLS

- Independent Self-Learner
- Analytical Thinking
- Problem Solving
- Passion for Mathematics
- Team Collaboration
- Time Management

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Continuous learner with a verified portfolio of 100+ professional certificates across web development, programming, and software engineering best practices.

Full portfolio available at:

[linkedin.com/in/prabashvijayanga](https://www.linkedin.com/in/prabashvijayanga)

- **Career Essentials in Software Development**
Microsoft and LinkedIn
- **Microsoft Security Essentials Professional Certificate**
Microsoft and LinkedIn
- **Career Essentials in Generative AI**
Microsoft and LinkedIn
- **Machine Learning Statistical Foundations Professional Certificate**
Wolfram Research
- **Career Essentials in Business Analysis & Data Analysis**
Microsoft and LinkedIn
- **Front-End Web Development**
University of Moratuwa
- **Web Development**
Sololearn
- **Career Essentials in Cybersecurity**
Microsoft and LinkedIn

Swapora - Full-Stack Item Exchange Platform

Next.js, TypeScript, Java Spring Boot, MySQL, REST API

A community-driven full-stack web application built to promote a circular economy, enabling users to seamlessly list, discover, swap, and donate items through a highly secure platform.

- Architected a highly responsive Server-Side Rendered (SSR) web application using Next.js, React, and Tailwind CSS, focusing on an intuitive UI for item discovery and seamless user interactions.
- Engineered a robust and scalable RESTful API utilizing Java 21 and Spring Boot 3+, implementing stateless JWT authentication and strict cross-origin resource sharing (CORS) configurations for secure data flow.
- Developed end-to-end user workflows for item listing, swapping requests, and donations, managing global application state and secure API communication using Axios interceptors.
- Deployed a fully decoupled architecture utilizing CI/CD pipelines, hosting the client application on Vercel and the containerized backend on Railway, integrated securely with a managed Aiven Cloud MySQL database.

WeatherPro Dashboard – Real-Time Weather Application

React 18 · Vite · Tailwind CSS · Framer Motion · OpenWeatherMap API

Live Demo : <https://prabashvijayanga.github.io/weather-dashboard/#/>

A high-performance web application providing real-time weather forecasting and geolocation services, featuring a custom, agency-grade dark glassmorphism interface.

- Developed a highly responsive UI using React, Vite, and pure Tailwind CSS to construct a premium frosted glass aesthetic, featuring location-based lookups, 5-day forecasts, and user-favorite saving capabilities.
- Integrated the OpenWeatherMap API via Axios to fetch accurate, real-time meteorological data, securely managing environment variables to protect sensitive API credentials.
- Implemented modern React patterns for efficient state management and data fetching, leveraging Framer Motion to engineer fluid page transitions and interactive micro-animations.

Bookshelf — Personal Library Manager | React · Vite · Material-UI ·

Google Books API · Vercel

Live Demo : bookshelf-theta-opal.vercel.app

A single-page React application for searching, organizing, and tracking a personal reading journey with an integrated reading experience.

- Integrated Google Books API for real-time search and metadata retrieval, utilizing a Vercel Serverless Function as a proxy to bypass CORS restrictions.
- Developed a custom in-app EPUB reader using react-reader (Epub.js), enabling users to seamlessly read public domain books directly within the browser environment.
- Managed application state with native React hooks, implemented client-side data persistence via localStorage, and deployed the optimized build on Vercel for fast, reliable hosting.

Additional University & Freelance Projects

Completed various university and freelance projects involving web application development, UI/UX design, database integration, frontend engineering, and software development best practices.