

SHASHINTHAKA MUNASINGHE

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PROFILES

GitHub: [shashinthakamunasinghe](#)

Linkedin: [Shashinthaka munasinghe](#)

Portfolio: [shashinthakamunasinghe.me](#)

PROFILE SUMMARY

Motivated ICT undergraduate with strong hands-on experience in full-stack web application development. Skilled in building responsive, secure, and scalable web systems using JavaScript, React.js, Next.js, Java, Spring Boot, Firebase, MySQL and PostgreSQL. Experienced in academic and team-based projects, applying software engineering principles, version control, and modern development tools. Seeking an entry-level Software Engineer / Web Developer role to contribute technical skills and grow in a professional environment.

EDUCATION

Uva Wellassa University of Sri Lanka • Bachelor of Information and Communication Technology Honors degree (GPA 3.15) *2023 - Present*

PROJECT EXPERIENCE

CampusAura | Campus Event Management Web Platform *OCT 2025 - Up to now*

Technologies: Java 17, Spring Boot, React 19, Vite, Firebase, Docker, Azure Container Apps

- Designed and developed a containerized full-stack application using Spring Boot and React with a microservices-oriented architecture.
- Implemented Docker Compose and multi-stage builds for efficient and optimized cloud deployment.
- Built a secure REST API with Spring Boot, implementing JWT authentication (Firebase) and RBAC using Spring Security.
- Developed a responsive frontend using React and Vite with protected routing, dashboards.
- Deployed the system on Azure Container Apps ensuring scalability and reliability.

GitHub Link: [github.com/sandaluruba/CampusAura-backend](#)

[github.com/sandaluruba/CampusAura-frontend](#)

Happy Tails UWU | Animal Welfare Management System

SEP 2025 - Up to now

Technologies: Java, Spring Boot, Spring Data JPA, Spring Security (JWT), MySQL

- Developed RESTful APIs for an animal welfare management system.
- Building map-based stray reporting with image uploads and medical history.
- Developing adoption management workflows and availability tracking.
- Implementing a vet clinic directory with full CRUD operations.
- Building Spring Boot REST APIs with DTOs, validation, and designed database schema and handled data persistence using MySQL.
- Documented APIs using Swagger/OpenAPI for maintainability.

GitHub Link: [github.com/LashenDEV/happy-tails-uwu-api](#)

EcoCycle Hub | Waste Management Web Application

APRIL 2025 - SEP 2025

Technologies: Next.js, Firebase, Tailwind CSS, Google Maps API, Stripe

- Developed a full-stack waste management and recycling web application using Next.js and Firebase.
- Implemented role-based authentication and authorization for Admin, Collector, Industry User, and Customer roles.
- Used Google Maps API for live GPS tracking and route visualization.
- Integrated Stripe payment gateway for secure online transactions.
- Collaborated as group leader, managing tasks, GitHub repository, and project timelines.

GitHub Link: github.com/shashinthakamunasinghe/eco-cycle-hub

Healthcare System JavaFX | Desktop Application

APRIL 2025 - SEP 2025

Technologies: Java, JavaFX

A JavaFX desktop application that streamlines healthcare workflows, including managing doctors, patients, and appointments, with CSV-based data storage and a modern, user-friendly interface.

- Designed and developed a desktop-based management system using JavaFX.
- Applied object-oriented programming concepts for maintainable code.

GitHub Link: github.com/shashinthakamunasinghe/healthcare-system-javafx

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, SQL, Python(Basic)
- **Frontend Technologies:** HTML5, CSS3, React.js, Next.js, TypeScript, Tailwind CSS
- **Backend Technologies:** Spring Boot, Node.js, Firebase
- **Databases:** MySQL, PostgreSQL, Firebase Firestore
- **Tools & Platforms:** Git, GitHub, VS Code, IntelliJ IDEA, Postman, Docker, Microsoft Azure, Linux(Basic), ClickUp
- **DevOps & Cloud (Basic):** CI/CD Pipelines, Azure Container App, Docker Containers
- **Concepts & Practices:** OOP Concept, Data Structures & Algorithms, REST APIs, RBAC, SDLC, Responsive Design, Version Control, Debugging

SOFT SKILLS

- Problem-Solving
- Analytical Thinking
- Team Collaboration
- Communication Skill
- Adaptability
- Time Management

REFEREES

Ms. U.W.H.K. Ukgoda - Lecturer (Probationary)
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