

# Nimasha Gamage

Software Engineering Undergraduate

Faculty of Computing, Sri Lanka Institute of  
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GitHub: [@github/nimashag](https://github/nimashag)

Blogs: [@medium/nimashagamage](https://medium/nimashagamage)

Portfolio: <https://nimashag.vercel.app>

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Dedicated undergraduate with a passion for full-stack web development and building quality software. Quick learner, team player, and problem-solver focused on delivering efficient, user-centered solutions.

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## PROFESSIONAL EXPERIENCE

- WSO2 Lanka (Private) Limited, Sri Lanka** • Software Engineer Intern (June 2025 – Nov 2025)
- Built the initial design and development of the WSO2 Careers Application. [@github/wso2-open-operations/people-ops-suite](https://github/wso2-open-operations/people-ops-suite)
  - Performed root-cause analysis and resolved critical backend issues across Career Vacancy and Internship Application services.
  - Designed and implemented a Food Waste Analytics Dashboard to support organizational sustainability initiatives.
  - Contributed to WSO2 open-source projects, delivering enhancements, bug fixes and maintaining documentation.

## EDUCATION

- BSc (Hons) Information Technology Specialized in Software Engineering** (May 2022 - Present)

Faculty of Computing, Sri Lanka Institute of Information Technology (SLIIT)

- G.C.E. (Advanced Level) Examination in Physical Science Stream** (Jan 2012 - Feb 2022)

Yasodara Devi Balika M.V, Gampaha, Sri Lanka

## PROJECTS

- ObservIQ** – Smart Observability Middleware (4<sup>th</sup> Year Research Group Project) (June 2025 - Present)

- **Features:** Metric and Signal Discovery Agent, Log Structuring and Enrichment Agent, Adaptive Alert Tuning Agent, Anomaly Detection and Insight Agent.
- **Technologies:** Microservices Architecture, Python, NodeJS, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub:** [@github/nimashag/observIQ](https://github/nimashag/observIQ)

- EVynk** – End-to-End EV Charging Station Booking System (4<sup>th</sup> Year Group Project) (Aug 2025 – Sep 2025 )

- **Features:** User Management, EV Owner Management, Charging Station Management, Booking Management, Reservation Management, SMS/Email Notifications for Confirmations.
- **Technologies:** C#, .net, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub:** [@github/nimashag/EVynk](https://github/nimashag/EVynk)

- HungerJet** – Food Ordering and Delivery Platform (3<sup>rd</sup> Year Group Project) (April 2025)

- **Features:** Restaurant Management, Order Management, Delivery Management, User Management, Real-time Delivery Assignment, Secure Online Payments, SMS/Email Notifications for Confirmations.
- **Technologies:** Microservices Architecture, Docker, Kubernetes, NodeJS, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub:** [@github/nimashag/hungerjet](https://github/nimashag/hungerjet)

- SpringBing** – Sales Optimization Solution for Fashion Retail (3<sup>rd</sup> Year Group Project) (Aug 2024 - Oct 2024)

- **Features:** Product catalog, Manage products, New arrivals, Search and filter options, Report generation, Manage feedback, Rating system, Reports on user feedback, Manage orders, Trending items analysis, Demand prediction.
- **Technologies:** NodeJS, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub:** Backend - [@github/nimashag/spring-bing](https://github/nimashag/spring-bing)  
Frontend - [@github/nimashag/spring-bing-frontend](https://github/nimashag/spring-bing-frontend)

## **Finance Tracker** – RESTful API for Personal Finance Management (3<sup>rd</sup> Year Individual Project) (March 2025)

- **Features:** User Roles and Authentication, Expense and Income Tracking, Budget Management, Financial Reports, Notifications and Alerts, Goals and Savings Tracking, Multi-Currency Support, Role-Based Dashboard.
- **Technologies:** NodeJS, ExpressJS, MongoDB
- **GitHub:** [@github/nimashag/finance-tracker](https://github/nimashag/finance-tracker)

## **MediLink** – Smart Healthcare System for Urban Hospitals (3<sup>rd</sup> Year Group Project)

(Aug 2024 - Oct 2024)

- **Features:** Manage hospitals and doctors, Assign doctors to the hospitals, Email service, Make doctor appointments, Manage hospital staff, Create v-card, Add patients to the clinics, Handle appointments, Manage patient information.
- **Technologies:** Spring Boot, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub:** Backend - [@github/nimashag/medilink-backend](https://github/nimashag/medilink-backend) Frontend - [@github/nimashag/medilink-frontend](https://github/nimashag/medilink-frontend)

## **Spectro** – Web application for streamlining furniture management (2<sup>nd</sup> Year Group Project)

(Feb 2024 - May 2024)

- **Features:** Inventory Management, Supplier Management, Order Management, Delivery Management, Employee Management, Customer complaint Management, Warehouse Management, User Management, Report Generation.
- **Technologies:** NodeJS, ExpressJS, MongoDB, ReactJS, Bootstrap
- **GitHub:** [@github/nimashag/spectro](https://github/nimashag/spectro)

## **Pregnancy Path** – Mobile application for pregnant women (3<sup>rd</sup> Year Group Project)

(Aug 2024 - Oct 2024)

- **Features:** Personalized journal entries, Highlight special moments, Memory lane visualization, Vaccination guide, Vaccination Schedule, Vaccination Reminders, Vaccination records, Clinic guide, Clinic date schedule, Daily habit tracker.
- **Technologies:** Node.js, Express.js, MongoDB, React Native, Expo, Typescript, Native-Wind, Tailwind CSS
- **GitHub:** Backend - [@github/nimashag/pregnancy-path-backend](https://github/nimashag/pregnancy-path-backend) Frontend - [@github/nimashag/pregnancy-path-frontend](https://github/nimashag/pregnancy-path-frontend)

## CERTIFICATIONS

**AWS** | Getting Started with DevOps - [Certificate Link](#)

**Solelearn** | Introduction to Python - [Certificate Link](#), Introduction to Java - [Certificate Link](#)

**HackerRank** | Problem Solving - [Certificate Link](#), SQL - [Certificate Link](#), Python - [Certificate Link](#)

**University of Moratuwa** | Python for Beginners - [Certificate Link](#) (ID : cTLBhvsgbT)

**IT Masters (Charles Sturt University)** | Agile Project Management - [Certificate Link](#)

## TECHNICAL EXPOSURE

**Programming Languages** – Java (Learning), JavaScript, TypeScript, Python (Learning), C#, C, C++, PHP

**Backend Development** - NodeJS, ExpressJS, Spring Boot, Ballerina

**Frontend Development** –ReactJS, HTML5, Bootstrap, Tailwind CSS, CSS3

**Mobile App Development** – React Native, Expo Go, Kotlin, Android

**Databases** – MongoDB, MySQL

**Deployments** – Docker, Kubernetes (Learning), AWS (Learning), Choreo

**Design and Productivity Tools** – Figma, Draw.io, Trello, Postman

## SKILLS & INTERESTS

**Interests** – Full-Stack Web Development, DevOps, Cloud Technologies

**Skills** – Leadership, Resilience, Time management, Analytical thinking, Problem-solving, Fast-learner

## LANGUAGES

**English** – Full Working Proficiency

**Sinhala** – Native Proficiency

## REFERENCES

### **W.H.A. Eishan Dinuka**

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