

Nimasha Gamage

Software Engineering Undergraduate

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GitHub: [@github/nimashag](https://github.com/nimashag)

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

Portfolio: <https://nimashag.github.io>

A self-motivated undergraduate with software engineering and problem-solving skills. Team player, fast learner and committed to continuous, self-directed learning. Determined to explore innovative solutions in Software Development and enhance expertise in building robust applications.

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

SpringBing – Sales Optimization Solution for Fashion Retail (3rd 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 Link:** Backend - [@github/nimashag/spring-bing](https://github.com/nimashag/spring-bing)
Frontend - [@github/nimashag/spring-bing-frontend](https://github.com/nimashag/spring-bing-frontend)

Spectro – Web application for streamlining furniture management (2nd 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 Link:** [@github/nimashag/spectro](https://github.com/nimashag/spectro)

MediLink – Smart Healthcare System for Urban Hospitals (3rd 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, Display and manage patient information.
- **Technologies:** Spring Boot, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHub Link:** Backend - [@github/nimashag/medilink-backend](https://github.com/nimashag/medilink-backend)
Frontend - [@github/nimashag/medilink-frontend](https://github.com/nimashag/medilink-frontend)

Grocery Mart – Web application for online grocery shopping

(Oct 2023 - Nov 2023)

- **Features:** Product catalog, Shopping cart, Manage feedback.
- **Technologies:** Java, Servlets, MySQL, JavaServer pages(JSP), HTML, CSS
- **GitHub Link:** [@github/nimashag/grocery-mart](https://github.com/nimashag/grocery-mart)

Pregnancy Path – Mobile application for pregnant women (3rd 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 Link:** Backend - [@github/nimashag/pregnancy-path-backend](https://github.com/nimashag/pregnancy-path-backend)
Frontend - [@github/nimashag/pregnancy-path-frontend](https://github.com/nimashag/pregnancy-path-frontend)

Simple Meditation App – Mobile application for simplifying meditation for everyone (Sep 2024 - Oct 2024)

- **Features:** Display previews of various meditations, Control audio playback, Manage meditation countdown timer.
- **Technologies:** React Native, Expo, Typescript, Native-Wind
- **GitHub Link:** [@github/nimashag/meditation-app](https://github.com/nimashag/meditation-app)

Hotel Avenga – Hotel reservation system for special events (1st Year Group Project) (Mar 2023 - Jun 2023)

- **Features:** Manage users, Display event venues, Make reservations, Payments, Manage feedback.
- **Technologies:** PHP, MySQL, HTML, CSS
- **GitHub Link:** [@github/nimashag/hotel-avenga](https://github.com/nimashag/hotel-avenga)

Taskify – Todo application for students (Sep 2024)

- **Technologies:** ReactJS, Typescript, CSS
- **GitHub Link:** [@github/nimashag/taskify-app](https://github.com/nimashag/taskify-app)

Notes App – Mobile application for simplifying note-taking and information management (May 2024)

- **Technologies:** Kotlin, SQLite, Android
- **GitHub Link:** [@github/nimashag/notes-app-kotlin](https://github.com/nimashag/notes-app-kotlin)

TurboDash – 2D car racing mobile game (May 2024)

- **Features:** Dynamic gameplay, Intuitive touch controls, Score tracking, Replayability.
- **Technologies:** Kotlin, Android
- **GitHub Link:** [@github/nimashag/turbo-dash](https://github.com/nimashag/turbo-dash)

CERTIFICATIONS

Python for Beginners • University of Moratuwa – Credential ID : cTLbhvsbgT - [Certificate Link](#) (Issued: Jun 2024)
Introduction to Python • Sololearn - [Certificate Link](#) (Issued: 19 Jun 2024)
Introduction to Java • Sololearn - [Certificate Link](#) (Issued: 25 Jan 2024)
SQL (Basic) • HackerRank - [Certificate Link](#) (Issued: 16 Jun 2024)
Python (Basic) • HackerRank - [Certificate Link](#) (Issued: 20 Jun 2024)
Problem Solving (Basic) • HackerRank - [Certificate Link](#) (Issued: 27 Dec 2024)
Agile Project Management • IT Masters (Charles Sturt University) - [Certificate Link](#) (Issued: 10 Jan 2025)

TECHNICAL EXPOSURE

Programming Languages – Java (Learning), JavaScript, TypeScript, Python (Learning), C, C++, PHP
Backend Development - NodeJS, ExpressJS, Spring Boot
Frontend Development –ReactJS, HTML5, Bootstrap, Tailwind CSS, CSS3
Mobile App Development – React Native, Expo Go, Kotlin, Android
Databases – MySQL, MongoDB
Version Control – Git (using GitHub for repositories)
IDEs – WebStorm, Visual Studio, IntelliJ, Eclipse, Android Studio
Design and Productivity Tools – Figma, Draw.io, Trello, Postman

SKILLS & INTERESTS

Interests – Web Development, DevOps, Cloud Technologies
Skills – Leadership, Resilience, Time management, Analytical thinking, Problem-solving, Fast-learner

LANGUAGES

English – Full Working Proficiency
Sinhala – Native Proficiency