Nimasha Gamage

Software Engineering Undergraduate

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

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Software Engineering undergraduate passionate about full-stack web development, cloud technologies, and building high-quality software. Quick learner, team player, and problem-solver focused on delivering microservice-based software platforms.

PROFESSIONAL EXPERIENCE

WSO2 Lanka (Private) Limited, Sri Lanka

Software Engineer Intern   (June 2025 – Dec 2025)

- ► Built the initial design and developed a microservice-based application for WSO2 Career Management. @github/wso2-open-operations/people-ops-suite
- ► Contributed to multiple WSO2 open-source projects, including feature development, bug fixes, documentation, and software testing. (Internship application service, Career vacancy service)
- ► Worked closely with the WSO2 operations team to design and develop a food waste analytics dashboard to support food waste management and organizational sustainability initiatives.
  - **Technologies and Tools**: Ballerina, NodeJS, MySQL, ReactJS, TypeScript, Redux, Material UI, Asgardeo (Identity & Access Management), Choreo (Cloud-Native Integration & Deployment), Postman, Git, Linux

EDUCATION

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

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

o   Currently in 4th Year, 2nd Semester

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

Yasodara Devi Balika M.V, Gampaha, Sri Lanka

PROJECTS

ObservIQ – Machine Learning Based Smart Observability Middleware for Microservice Application Monitoring

- **Features**: Log Structuring and Analysis Agent (Structured Log Conversion, Template Mining, PII Redaction, Log Classifier – NLP-based, Naive Bayes, TF-IDF KNN, Rule-based), Metric Discovery Agent, Adaptive Alert Tuning Agent, Anomaly Detection and Insight Agent.
- **Technologies:** Microservices Architecture, NodeJS, ExpressJS, MongoDB, ReactJS, Python, Typescript, Tailwind CSS, Postman
- **GitHub:** @github/nimashag/observIQ

HungerJet – Cloud-Native Microservice-Based Food Ordering and Delivery Platform

- **Features**: Restaurant Management, Order Management, Delivery Management, User Management (Google OAuth 2.0 + JWT authentication), Real-time Delivery Assignment, Secure Online Payments, SMS/Email Notifications.
- **Technologies:** Microservices Architecture, NodeJS, Spring Boot, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS, Kubernetes, Docker, Postman, Playwright, Snyk
- **GitHub:** @github/nimashag/hungerjet
- **Live Site:** http://3.226.177.194:31000

SpringBing – Sales Optimization Solution for Fashion Retail

- **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, Postman
- **GitHub:** Backend - @github/nimashag/spring-bing
  Frontend - @github/nimashag/spring-bing-frontend

Spectro – Web Application for Streamlining Furniture Management

- **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, Postman
- **GitHub:** @github/nimashag/spectro

Finance Tracker – Personal Finance Management Application

- **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, Postman, Swagger
- **GitHub:** @github/nimashag/finance-tracker

GlobeVista – Interactive Country Explorer Web App

- **Features**: Search countries by name, Filter by region and language, View detailed information, View country history from Wikipedia, Locate on map, Favorite countries (login required), User authentication (register/login)
- **Technologies:** NodeJS, ExpressJS, MongoDB, ReactJS, Tailwind CSS, Postman
- **GitHub:** @github/nimashag/globevista
- **Live Site:** https://globe-vista-frontend.vercel.app

MediLink – Smart Healthcare System for Urban Hospitals

- **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, Postman
- **GitHub:** Backend - @github/nimashag/medilink-backend
  Frontend - @github/nimashag/medilink -frontend

EVynk – End-to-End EV Charging Station Booking System

- **Features**: User Management, EV Owner Management, Charging Station Management, Booking Management, Reservation Management, SMS/Email Notifications for Confirmations.
- **Technologies:** C#, ASP.NET Core Web API, ExpressJS, MongoDB, SQLite, ReactJS, Typescript, Tailwind CSS, Android (Kotlin) for Mobile App, Postman
- **GitHub:** @github/nimashag/EVynk

Grocery Mart – Web Application for Online Grocery Shopping

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

Pregnancy Path – Mobile Application for Pregnant Women

- **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
  Frontend - @github/nimashag/pregnancy-path-frontend

Hotel Avenga – Hotel Reservation System for Special Events

- **Features**: Manage users, Display event venues, Make reservations, Payments, Manage feedback.
- **Technologies:** PHP, MySQL, HTML, CSS
- **GitHub:** @github/nimashag/hotel-avenga

CERTIFICATIONS

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

Sololearn | 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 : cTLBhvsbgT)

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

Identity & Access Management – Asgardeo

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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