

# SHUMS MARICKAR FAWZUL SHAYILA

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## Professional Summary

Recent BSc (Hons) in IT undergraduate with a strong foundation in Python, FastAPI, machine learning, and REST API development. Recently expanded into full stack Java development using Spring Boot and React, building REST APIs with JPA and Oracle-compatible databases. Completed projects in data preprocessing, feature engineering, and CI/CD pipelines.

## Education

### Horizon Campus – Malabe

BSc (Hons) in Information Technology · 4th Year Undergraduate

Present

### University of Sri Jayawardanapura – Nugegoda

Diploma in English

Nov 2023

### Anula Devi Balika Vidyalaya – Galle

G.C.E. Advanced Level (Physical Science)

Oct 2020

## Skills

**Languages & Frameworks:** Python · Java · Spring Boot · React · JavaScript · C# · FastAPI · Streamlit · Bash

**Data & ML:** Scikit-learn · Pandas · NumPy · Data visualisation · Regression & Classification

**DevOps & Tools:** Docker · Git · CI/CD pipelines · Linux · REST API development · Spring Data JPA

## Projects

### Full Stack Task Manager — Spring Boot + React

2026

- Built a full stack web app with Spring Boot 3.5 REST API backend and React frontend with live CRUD operations.
- Designed RESTful endpoints (GET, POST, PUT, DELETE) using Spring Data JPA with H2 database — same JPA code works with Oracle.
- Implemented dark/light mode toggle, real-time task completion tracking and cross-origin React-to-Spring Boot communication.
- [GitHub: ShayilaMarickar/Springboot-React-Task-Manager](#)

### FastAPI Project — House Price Prediction — API

- Developed a REST API using FastAPI, Python, and Scikit-learn for house price prediction.
- Implemented preprocessing, feature engineering, and regression models, achieving 92% R<sup>2</sup> score.
- [GitHub: ShayilaMarickar/FastAPI-Application](#)

### Streamlit Project — Wine Quality

- Built an interactive web app using Streamlit, Pandas, NumPy, and Scikit-learn for wine quality classification with 85% accuracy.
- Integrated data visualisation (histograms, heatmaps, scatter plots) for exploratory data analysis.
- [GitHub](#) — [Live App](#)

### DevOps CI/CD Pipeline

- Automated CI/CD workflows using GitHub Actions, Docker, and Bash scripting.
- Configured testing and deployment pipelines for seamless integration across all SDLC phases.
- [GitHub: ShayilaMarickar/DevOps-Project](#)

## Certifications

Professional Certificate in Linux – IIT-PDU

Certificate in Git – Horizon Campus

Advanced Certificate in Java – Learnify Academy

Feb 2025

Jan 2025

Jun 2025

## Volunteering & Leadership

Assistant Secretary – Community of Cyber Security (C2SH)

Member – Leo Club

Minister of Innovation and Technology – Student Parliament

Secretary – IT Society

Present · Horizon Campus

Present · Horizon Campus

Oct 2019 – Sep 2020 · Anula Devi

Jan 2017 – Dec 2017 · Anula Devi

## Languages

Sinhala (Native) · English (Fluent) · Tamil (Basic)

## References

**Mr. M. G. Asanka Dinesh** — HOD, Faculty of IT, Horizon Campus    [asankadinesh@horizoncampus.edu.lk](mailto:asankadinesh@horizoncampus.edu.lk) · +94 (0) 77 49 79 740

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