SHESHANTH VYTHILINGAM

+94-774743342 Colombo, Sri Lanka

• sheshanthvythilingam22@gmail.com • Linkedin • Github • Portfolio

EXECUTIVE SUMMARY

Software Engineering student at the University of Westminster (IIT)   with full-stack expertise in **React, Node.js, Spring Boot, .NET,** and **AWS**. Skilled in **Python, Java, JavaScript/TypeScript,** and **C#** with experience in **Docker**. Strong foundation in OOP, algorithms, and Agile development. Collaborative problem-solver with multilingual communication skills. Eager to apply my technical abilities in a software engineering internship.

EDUCATION

BEng (Hons) Software Engineering, University of Westminster,UK	Expected 2027
Foundation Certificate in Higher Education, IIT | Grade: Merit	2022 – Sep 2023
Cambridge IGCSE Ordinary Level (O/L) Examinations, Royal Institute	2022

SKILLS

Programming Languages: Python, Java, JavaScript (TypeScript), C#

Frameworks & Libraries: React, Node.js, Spring Boot, .NET

Databases & Tools: MongoDB, MySQL, Oracle, GitHub, AWS (EC2, S3), Docker

Concepts: REST APIs , Microservices , Agile , Scrum , OOP

Soft Skills: Problem-Solving , Team Collaboration , Adaptability , Multilingual Communication

PROJECTS

ARoma – Restaurant Management App **GitHub: ARoma**
Stack: **React.js, Node.js, Express.js, SSE**
Task: Worked as Lead Developer, planning and overseeing the entire project. Personally developed the following components: a real-time admin dashboard to streamline menu updates.

Real-Time Stock Trading Platform **GitHub : Trading Platform**
Stack: **.NET, React, SignalR, Docker, Alpha Vantage API**
Task: Built a high performance trading engine with real time order matching , live price updates and using a microservices architecture deployed with docker

Full-Stack E-Commerce Platform **GitHub: E-Commerce Web**
Stack: **React.js, Node.js, AWS, Stripe, MongoDB**
Task: Built a secure, scalable platform deployed on AWS EC2 with React frontend and optimized backend. Reduced latency by 20% via AWS load balancing

Real-Time Ticketing System **GitHub: Ticketing System**
Stack: **Java, Spring Boot, React**
Task: Engineered a high-concurrency system achieving 30% faster booking times under 500+ requests

Breast Cancer Survival Prediction
Stack: **Python, Scikit-learn**
Task: Currently working on training models for early diagnosis insights using clinical datasets.

Student Management System **GitHub: <u>Java Student Management System</u>**
Stack: **Java** Task: Developed a desktop application with CRUD functionality for student records

Sustainable Development Website **GitHub: <u>Quality</u> <u>Education Website</u>**
Stack: **HTML, CSS, JavaScript**
Task: Enhanced navigation via sitemap and designed gallery for Quality Education.

Personal Finance Tracker **GitHub: P<u>ersonal Finance Tracker</u>**
Stack: **Python, Tkinter**
Task: Built a Python based tool for tracking transactions

EXTRA-CURRICULAR ACTIVITIES

IEEE Student Member: Affiliated with the IEEE community to stay informed about technological advancements.

Research & Development: Authored a technical paper titled "Hybrid Recommendation Techniques for Personalized Meal/Restaurant Suggestions", analyzing machine learning models for recommendation systems.

Interests: Tennis, fitness training

CERTIFICATION

React Essential Training (LinkedIn Learning)
Java Object-Oriented Programming (LinkedIn Learning)
Spring Boot 2.0 Essential Training (LinkedIn Learning)
C# and .NET Essential Training (LinkedIn Learning)

REFERENCES

Imani Randhuli
Lecturer/Module Leader - Professional Development
MBA (PIM-USJ, Reading), MTESL (OUSL), BA (Hons) TESL (Kelaniya)
Informatics Institute of Technology
 57 Ramakrishna Road, Colombo 06, Sri Lanka
Email: imani.r@iit.ac.lk | Phone: +94 761490885

K. Rajendar
Senior UI Frontend Engineer
Mad Mobile LK
Phone: +94 769183855