Bavindu Shan

Undergraduate

✉ bavindushan65@gmail.com   📞 076-7743923   📍 Minuwangoda, Sri Lanka

in www.linkedin.com/in/bavindu-shan   🐙 https://github.com/bavindushan

EDUCATION

London Metropolitan University (UK)
BEng (Hons) in Software Engineering (TOP UP)   Jan 2025 - Present

Institute of Computer Engineering Technology (iCET)
Computer Software Engineering-ICET Certified Developer   Sep 2024 - Present

ESOFT Metro Campus
Person (UK) BTEC HND in Computing-Software Engineering (Distinction pass)   Oct 2022 - Sep 2024

PROJECTS

MOS Burgers Project   Jan 2025
- Developed a web application using **HTML5, CSS3, JavaScript, and JSON**.
- Streamlined the burger ordering process with dynamic product listings.
- Implemented real-time order management and PDF generation for orders.

Bus Seat Reservation System   Mar 2024
- Built using **Java** with a focus on **Data Structures and Algorithms**.
- Optimized for efficient queue operations.
- Developed and implemented in **Microsoft Visual Studio Code**.

Sampath Food City System   Jan 2024
- Created using **Python**, adhering to **SOLID principles** and clean coding practices.
- Integrated automated testing with **pytest**.
- Developed in **Microsoft Visual Studio Code**.

An overview of Dialog's Cybersecurity resilience for Big Data Driven Threats   Jun 2024
- Researched cybersecurity resilience in handling big data-driven threats.
- Evaluated existing measures and identified vulnerabilities.
- Proposed recommendations to enhance defenses against evolving cyber risks.

Malcolm's Photography Website   Jun 2023
- Designed and developed using **HTML5, CSS3, JavaScript, PHP, and MySQL**.
- Showcased Malcolm Lismore's portfolio with an engaging and user-friendly interface.
- Ensured seamless navigation and functionality.

Grifindo Travels System   Feb 2023
- Developed a **C# application** using **MySQL** and **Visual Studio**.
- Calculated and recorded rental and hire charges for vehicles like cars, SUVs, and vans.
- Supported driver-assisted and self-drive rental options.

Quiet Attic Films Database Design   Jan 2023
- Designed a database using **C#** and **MySQL** to organize client, asset, and workflow data.
- Improved operational efficiency and collaboration within the company.

LAN Design & Implementation for Alliance Health   Feb 2023
- Designed and implemented an efficient network for the Matara branch using **Cisco Packet Tracer**.
- Covered LAN/WLAN standards, topology selection, and **VLAN configuration**.
- Configured essential network devices for optimal functionality.

Developing IT Skills in Apprentices: A Workshop for Child Development Institute   Feb 2023

- Conducted workshops to provide basic IT knowledge to orphaned children.
- Focused on empowering participants with essential digital skills.

SKILLS

Languages: Java, JavaScript,C#,Python, Php,CSS3,HTML5,XML
Frameworks: JavaFX, Bootstrap, Tailwind CSS
Database Technologies: MySQL, SQL Server
Version Control & Collaboration: Git, GitHub
Cloud Computing & Azure: Microsoft Azure, Cloud Architecture, Azure Fundamentals
Network Design & Simulation: LAN/WLAN standards, VLAN configuration, Network topology
Project Management & Collaboration: Agile Methodologie, Documentation

ACHIEVEMENTS AND CERTIFICATIONS

Oracle Java Explorer Badge
Postman API Fundamentals Student Expert Badge
HP LIFE Agile Project Management Course Certificate
Five Days JAVA workshop-IDET
Describe Azure compute and networking services badge
Describe Azure identity, access, and security badge
Describe Azure storage services badge
Describe cloud service types badge
Describe the core architectural components of Azure badge
Microsoft Azure Fundamentals: Describe Azure architecture and services trophy
Microsoft Azure Fundamentals: Describe cloud concepts trophy
Java Programming Course Certificate- Great Learning
Object-Oriented Programming (OOP) in Java course- Great Learning
Fundamental AI Concepts Badge
Fundamentals of Generative AI Badge
Fundamentals of Machine Learning Badge
Introduction to GitHub Copilot Badge

EXTRA-CURRICULAR ACTIVITIES

ESA Member at Esoft Metro Campus.
Prefect at Mahanama National School.

REFERENCES

Niroth Samarawickrama,*Founder,* Institute of Computer Engineering Technology.
niroth73@gmail.com, http://icet.lk, niroth@icet.lk, +94 71 764 0600

Sindhuja Chamari Thilakarathne, *Lecturer in IT,* ESOFT Metro Campus Gampaha.
sindhuja.thilakarathne@esoft.lk, +94 72 265 5339

Dulashi Athauda, *Visiting Lecturer – IT*, ESOFT Metro Campus.
dula.athauda@gmail.com, +94 71 595 8733