Banuka Malshan

Computer Science Undergraduate

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Summary

I am a dedicated 22-year-old undergraduate student with a strong foundation in Information and Communication Technology and Computer Science. Passionate about problem-solving and software development, I am eager to apply my technical skills in a hands-on environment. My goal is to gain real-world experience as a software engineering intern, where I can contribute to innovative projects, enhance my coding expertise, and grow as a future software engineer.

Education

BSc (Hons) Computer Science, 2024 - 2028

Informatics Institute of Technology,

Data Structures & Algorithms, Object Oriented Programming, Database Systems, Software Development Group Project, Web Designing and Development, Trends in Computer Science, Software Development 1, Software Development 2, Computer Systems Fundamentals

Advanced Level,

Bandaranayake College – Gampaha,

Combined Maths: S, Chemistry: S, Physics: S

Skills

- Problem-solving
- Full- Stack Web Development

Languages

- Sinhalese
- English

Certifications and Licenses

Java Programming: Solving Problems with Software
Issuing organization: Duke University
Platform: Coursera

Java Programming: Principles of Software Design
Issuing organization: Duke University
Platform: Coursera

Spring Boot Foundations
Issuing organization: packt
Platform: Coursera

Testing and Advanced REST with Spring Boot
Issuing organization: packt
Platform: Coursera

CMB Upper Secondary 3 - Term 1
Issuing Organization: British Council Sri Lanka

Websites and Social Links

GitHub: https://github.com/MGBM69

LinkedIn: https://www.linkedin.com/in/banuka-magamulla-87bb04294/

WildX Safari Assistance App: www.wildx.online

Projects

WildX Safari Assistance App (Ongoing)
GitHub: https://github.com/WildXSDGP
Landing Page: www.wildx.online
- Developed and deployed the project's landing page using Angular and TypeScript.
- Implemented responsive UI components and hosted the site using GitHub Pages.
- Collaborated with a multi-member team using Git and Agile development practices.
  Earthquake Map Visualizer - Java + Unfolding Maps
- Built an interactive earthquake visualization tool using Java and the Unfolding Maps API.
- Displayed earthquake data by magnitude, depth, and recency.
- Implemented user interactions, filtering, and marker customization.

Text Editor Web Application - Spring boot & Angular
GitHub: https://github.com/MGBM69/Text-Editor-Project
- Developed a full-stack web-based text editor using **Spring Boot** for the backend and **Angular** for the frontend
- Implemented RESTful APIs to handle text content creation, editing, and persistence.
- Designed an interactive and responsive GUI using Angular components and services.
- Integrated frontend and backend using HTTP client communication.
- Planned deployment with **GitHub Pages** for the frontend and custom domain hosting.