Hasiru Chamika
[Your Address] | [Your City, Country] | [Your Phone Number] | [Your Email Address] |
[LinkedIn Profile]

Objective

Aspiring software engineer with hands-on experience in web and mobile development, embedded systems, and IoT projects. Passionate about building innovative solutions and contributing to dynamic teams.

Education

B.Sc. in Software Engineering
Sri Lanka Institute of Information Technology (SLIIT)
Expected Graduation: [Year]
Relevant Courses: Java Programming, Data Structures, Algorithms, Web & Mobile Development, Embedded Systems, Database Management

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Skills

- **Programming Languages:** Java, C++, Python, JavaScript

- **Web Development:** HTML5, CSS3, JavaScript, React, Node.js, Bootstrap

- **Mobile Development:** Android (Java, Kotlin), Flutter

- **Embedded Systems:** Arduino, ESP32, Sensors, IoT Projects

- **Databases:** MySQL, Firebase

- **Version Control:** Git, GitHub

- **Tools:** VS Code, Eclipse, IntelliJ IDEA, Android Studio, MATLAB

- **Operating Systems:** Windows, Linux

Projects

Smart Water Management System
Technologies Used: Arduino, Water Level Sensor, Flow Sensor, LCD Display

- Designed a real-time water monitoring system, reducing water waste by 30% through IoT automation.

- Integrated sensors for accurate water flow and level detection.

RC Helicopter with FPV Camera

Technologies Used: Arduino, FPV Camera, RC Transmitter and Receiver

- Developed an RC helicopter with real-time video streaming for aerial footage.

- Optimized flight control for stability using budget-friendly components.

Web Platform for Tourism

Technologies Used: HTML, CSS, JavaScript, React

- Built a user-friendly platform providing real-time travel information, tips, and booking options.

Work Experience

Freelance Web Developer

Remote | March 2023 – Present

- Designed and developed responsive websites for multiple clients, improving user engagement and online presence.

- Integrated e-commerce features and optimized performance for faster load times.

Intern, Software Engineering

XYZ Technologies | June 2024 – August 2024

- Assisted in developing internal tools using Java and Python.

- Debugged and tested applications, enhancing performance and reliability.

Certifications

- Java Programming Basics – [Institution Name]

- Web Development with HTML, CSS, and JavaScript – [Institution Name]

- Arduino Programming and Embedded Systems – [Institution Name]

Extracurricular Activities

- Member of [University's Tech Club], contributing to coding workshops and hackathons.

- Active participant in online forums and communities related to software development and electronics.

Languages

- English: Fluent

- [Other Languages]: [Proficiency Level]

References

Available upon request.