HARSHANA JAYASEKARA

Software Developer

CONTACT

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EDUCATION

ADVANCE LEVEL
MINUWANGODA BOY'S COLLAGE
Combined Mathematics
2014 - 2016

Bachelor Degree
UNIVERSITY OF PLYMOUTH
BSc. Software Engineer
2021-2025

SKILLS

- UI/UX Design
- Web Design
- Programming Languages
- Software Development
- Mobile App Development
- Teamwork and Collaboration
- Problem-solving
- IEEE Volunteering

MORE DETAILS

Linkedin
GitHub
QR Portfolio

http://harshanajayasekara.github.io

PROFILE

I'm Harshana Jayasekara, a final-year BSc (Hons) Software Engineering undergraduate at the University of Plymouth, with a passion for building user-centric web and mobile applications. With a strong foundation in React, Firebase, and mobile development using Flutter, I specialize in creating innovative solutions that blend functionality with intuitive design.

EXPERIENCE

TRAINEE STORES ATTENDANCE |
2017 - 2021

SriLankan Catering (SriLankan Airlines)

- Assisted in the management and organization of inventory for airline catering operations.
- Handled stock receiving, storage, and dispatch processes with accuracy and efficiency.
- Maintained cleanliness and safety standards in storage areas.
- Collaborated with team members to ensure timely supply chain operations for flights.
- Ended role due to operational downsizing during the COVID-19 pandemic.

PROJECT & RESEARCH

Face Recognition Voting System

Final Year Project: Face Recognition Voting System
Technologies: React.js, Node.js, Firebase, face-api.js, Email API, Google Maps API, Figma

Developed a secure and user-friendly web-based voting system that uses facial recognition to verify voter identity. The system was built using React for the frontend and Node.js with Firebase for backend services. Integrated face-api.js for real-time face detection and verification, ensuring one-time voting per user. Implemented Google Maps API to identify and display voting locations, and Email API for confirmation notifications. Designed an intuitive UI/UX using Figma to enhance user experience.

University Group Projects

1. Computer Hardware Store Website
Technologies: HTML, CSS, JavaScript, Firebase
2. Computer Store Web Application (C#)
Technologies: C#, ASP.NET, SQL Server
3. Mobile App for Computer Shop
Technologies: Flutter, Firebase
4. IoT Project: Smart Paddy Field Monitoring System
Technologies: IoT Sensors, Arduino, Firebase