# ISURI DHARMARATHNE

UNDERGRADUATE FULL STACK & MOBILE DEVELOPER

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## Professional Summary

BSc (Hons) Software Engineering Undergraduate with hands-on experience in developing full-stack web applications using MERN stack, Angular, and Python-based backends, as well as cross-platform mobile applications using Flutter. Strong understanding of RESTful APIs, database integration, authentication flows, and real-time features through real-world projects. Eager to contribute as a Software Engineering Intern while continuously learning and adapting to modern development practices.

## Education

**University of Plymouth, UK - Delivered at NSBM Green University** | Expected Dec – 2026

- BSc (Hons) Software Engineering

**Mahinda Rajapaksha College, Homagama** | 2014 – 2022

- GCE Advanced Level – 2S Passes (Combined Mathematics & Physics)

## Projects

**Final Year Project (Ongoing) |** GitHub

Developing a web-based agricultural management and prediction system with data analytics and forecasting features to support data-driven decision-making for field officers.

**Full-Stack Service Booking Platform** | GitHub

Built a MERN-stack platform with role-based JWT authentication, real-time Socket.io chat, and booking features. Dockerized the application and implemented Jest testing and CI pipeline.

**Interview Score Prediction System** | GitHub

Developed a full-stack ML-powered web application using Angular, FastAPI, Docker, and CI pipeline, with automated testing and real-world DevOps practices.

**Skill Exchange Application** | GitHub

Built a Flutter skill exchange mobile application with mentor matching, scheduling, in-app chat, and community features using Firebase authentication and Firestore.

## Skills

- **Languages:** Python, JavaScript, Dart, TypeScript
- **Databases:** Firebase, MongoDB
- **Frameworks:** TensorFlow, FastAPI, React.js, Node.js, Express.js, Angular, Flutter, React Native
- **Tools:** Git, Docker, CI GitHub Actions
- **Soft Skills:** Critical Thinking, Problem Solving, Effective Communication

## References

Mr. Gayan Perera – Lecturer, NSBM Green University | gayanp@nsbm.ac.lk | +94 71 401 5777

Mr. Udara Jayasumana – Senior Software Engineer, Axiata Digital Labs | uartcreations@gmail.com |
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