

BIMSARA WEERAKOON



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[Bimsara Weerakoon](#)



[portfolio](#)

PERSONAL STATEMENT

A highly motivated and hardworking recent graduate with a BSc (Hons) in Information Technology specializing in Software Engineering. I bring hands-on experience as a Mobile Application Developer Intern and a strong passion for full-stack development, mobile applications, and machine learning. I am a quick learner with excellent teamwork and leadership skills, and I am eager to contribute to innovative projects within your organization.

WORK EXPERIENCE

Mobile Application Developer Intern – Ulster University, UK

July 2024 - January 2025

- Designed and developed mobile solutions aligned with the university's accessibility goals.
- Contributed to an ongoing research-backed Android application using Kotlin and ML Kit.
- Collaborated with academic supervisors and engineering teams on app optimization and bug resolution.
- Documented app behavior and deployment details for handover and publication.

Software Developer - Faculty of Computing SLIIT

November 2025

- Developing the mobile application for data collection
 - Implementing explainable AI to the application
 - Performing system, usability, and acceptance testing of the mobile application
 - Assisting in the data collection through the mobile application.
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CONTRIBUTED PROJECTS

Project management software (MERN Stack) :- 4th year research

- Developed a gamified system for project contributors, featuring points, levels, and badges to encourage participation.
- Implemented dynamic leaderboards and real-time contribution tracking.
- Integrated with ai timeline prediction and delay probability prediction.
- Published the research paper at the IEEE ICCCNT 2025 conference.
- Qualified for the 27th National ICT Awards – NBQSA Sri Lanka 2025 under the Tertiary Student Project – Business Category.

EasyReach Android application (Android studio): Kotlin :- 3rd year assignment

- Application was developed to enhance the shopping experience for visually impaired individuals.
- Seamlessly integrated features enabling shop owners to add, update, and delete products, while administrators can manage directions for each section.
- Co-authored a research paper titled "Easy Reach Store: Shopping Application for Visually Challenged," published in the European Chemical Bulletin journal.

Gems and Jewelry Web App (MERN Stack):- 2nd year assignment

- Implemented Gem request management system using MongoDB, Express.js, React.js and Node.js
 - Developed a Gem request submission form with validation and error handling.
 - Enabled request listing and filtering based on time stamps and user search.
 - Developed a report generation for admins side for gem requests.
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EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)	Malabe
• BSc (Hons) in Information Technology – Software Engineering	2021 - 2025
Govt. Science College (Bio Science Stream)	Matale
• G.C.E. (A/L) Examination	2017 - 2019
Govt. Science College	Matale
• G.C.E. (O/L) Examination	2015

OTHER SKILLS AND ACHIEVEMENTS

- Speaks 2 Languages (English, Sinhala)
 - Programming Languages (Java, JavaScript, Kotlin, C, SQL, C++, C, Python, R)
 - Experienced in using Git and Jira
 - Youtuber (Own a monetization enabled tech YouTube channel)
 - Technology Enthusiast (Passionate about modern technology, with a keen interest in the latest hardware and software advancements)
 - Troubleshooting and Repair (Proficient in troubleshooting and repairing PC-related issues, including both hardware and software)
 - Editing skills (Adobe photoshop, Adobe premiere pro)
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REFERENCES

Ms. Vindhya Kalapuge

Senior Lecturer

SLIIT Kandy center

B.Sc in Computational Physics, University of Colombo, Sri Lanka

M.Sc. in Big Data Analytics, Robert Gordon University, UK.

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Pratheepan Yogarajah

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