

BIMSARA WEERAKOON

P.70 Ududeniya, Nalanda



bimsaraweerakoon@gmail.com



+94 776859787



[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.

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.

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)

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.

vindhya.k@sliit.lk

Pratheepan Yogarajah

Lecturer in Computer Science, School of Computing, Eng & Intel. Sys

Ulster university UK

p.yogarajah@ulster.ac.uk