



# DISARA MAPALAGAMA

Software Engineer - Intern

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My Portfolio

disara-mapalagama

disara7

disaradm07

## PROFILE

I am a multidisciplinary software engineering undergraduate with a creative problem-solving approach, an artistic mindset, and a proven ability to learn quickly. I have led award-winning hackathon projects, combining my technical skills and design thinking. Passionate about efficient, user-focused systems, I excel in teamwork and solving real-world challenges.

## EDUCATION

### BSc. (Hons) in Software Engineering

Expected Graduation: 2025

Sabaragamuwa University of Sri Lanka

Cumulative GPA: 3.48

### Diploma in Business Management

2020

ESOFT Metro Campus, Kandy (Pearson Assured)

### GCE (A/L) in Combined Mathematics, Physics, ICT

2006 - 2019

Girls' High School, Kandy

Z Score: 1.5104

## SKILLS

Technical Skills:

- Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Thymeleaf, MongoDB, Firebase, MySQL, Spring Boot
- Mobile Application Development:** Flutter, Dart, Firebase, MongoDB, PHP, AWS, Azure
- Programming Languages:** Java, C, Python, C++, Pascal
- DevOps Tools:** Basic knowledge of CI/CD pipelines, Docker, Kubernetes
- Familiar with Object-Oriented Programming (OOP) principles, data structures, and algorithms
- UI/UX Design:** Figma, Adobe Illustrator, Adobe Photoshop, Miro, Balsamiq, UX Research
- Version Control:** Proficient in Git

Soft Skills: Team Leadership. Effective Communication (Fluent in English and Sinhala), Collaboration

## PROJECTS

Web Applications

- UniStore - Platform to sell pre-loved university essentials (Group) [React.js, Firebase, NodeJS, Figma](#)
- MIS (ERP System) for GJRTI-Ministry of Industries (Group) [React.js, MongoDB, Figma, LGC](#)
- TechGrid - E-Commerce website (Group) [Java, Springboot, MySQL, Thymeleaf, JUnit, Selenium](#)
- My Portfolio - Responsive CV/portfolio website (Individual) [React.js, NodeJS, HTML, CSS, JavaScript, Git](#)
- IEEE WIE Sri Lanka Section Website - Redesign (Group) [Wordpress, Figma](#)

Mobile Applications

- Trophy - Gamified employee relaxation zone (Group) [Flutter, Dart, MongoDB, NodeJS, UX Research](#)
- ShopSense - AI based solution for blind clothing shopping (Group | Award Winner) [Flutter, Dart, Azure](#)
- Interactive Learning Management System for SUSL (Group) [Flutter, PHP, Miro](#)
- Step One - Health tracker for athletes (Individual) [Flutter, Dart, Git](#)
- Tic Tac Toe - Simple tic tac toe game with real-time score updating (Individual) [C++, Flutter, Dart, Git](#)
- MyJourney - Personalized travel planner (Group | Award Winner) [Flutter, Dart, Git, AdobeXD](#)

PROJECTS (CONT.D)

Other	
• Shut - Car Racing Simulation Game (Group   Award Winner) <a href="#">↗</a>	Unity, C#, Blender
• JARVIS from Iron Man with ChatGPT - AI Model (Individual) <a href="#">↗</a>	Python, OpenAI, Git

CERTIFICATES

• Programming Foundations: Beyond Fundamentals issued by LinkedIn <a href="#">↗</a>	2024
• Programming Foundations: Fundamentals issued by LinkedIn <a href="#">↗</a>	2024
• Introduction to Career Skills in Software Development issued by LinkedIn <a href="#">↗</a>	2024
• HackerRank Skill Test - CSS issued by HackerRank <a href="#">↗</a>	2023

ACHIEVEMENTS

• SLASSCOM Ingenuity Awards - Winner in Sabaragamuwa Province (For ShopSense)	2024
• Most Innovative Team - HackX 9.0   Inter University Ideathon organized by University of Kelaniya	2024
• Winner - Lazarus 2.0 Inter University Ideathon	2023
• 2nd Runners Up - Code With WIE (CWW)	2023
• 1st Runners Up - iX 23   XR Based Designathon organized by IIT	2023
• 2nd Runner Up - HerStage   All Island Competition for Women Entrepreneurs organized by AIESEC Sri Lanka	2023
• 1st Runner Up - Codecon 3.0   Inter-University Hackathon	2023
• Winner - IEEE INSL Sabaragamuwa Provincial Competition	2022
• Finalists - Hack Like a Girl   Women's Hackathon organized by SLASSCOM	2022
• 2nd Runners Up - HackTron v1.0   Game Development Bootcamp & Hackathon	2021
• 1st Place - Delito Cibernetico 2017   Inter-School Web Designing Competition	2017
• 1st Round - IT MasterMind Quiz Programme 2017   Season 02	2017

EXTRACURRICULAR ACTIVITIES

• Student Branch Ambassador (Sabaragamuwa University of Sri Lanka) - IEEEExtreme 16.0	2022
• Program Team Lead - IEEE INSL Sabaragamuwa Provincial Competition	2023
• Secretary - Nenasa by IEEE Sri Lanka Section SIGHT	2024
• Secretary Team Lead - IEEE Career Forge Phase 01 organized by IEEE Student Branch of SUSL	2024
• Assistant Secretary - IEEE WIE Student Branch Affinity Group of SUSL	2022
• Public Visibility Team Member - IEEE Sri Lanka Section SIGHT	2022
• Publicity Team Member - IEEE SLSAC Member Activities Subcommittee	2023
• Committee Member of Society of Computer Sciences (SOCS), SUSL	2022
• AIESEC in SUSL - Outgoing Global Talent (oGT) Function	2022
• Rotaractor - Sabaragamuwa University of Sri Lanka	Since 2024
• Compered multiple IEEE events in both Student branch and National Level	Since 2022
• Blogger   Medium <a href="#">↗</a>	Since 2022
• Artist/Illustrator   Dribbble <a href="#">↗</a>	Since early childhood

NON-RELATED REFEREES

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Dean of the Faculty of Computing, Sabaragamuwa University of Sri Lanka

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