


# Ravindu Karunaratne

Undergraduate,  
BSc IT (Hons), Software Engineering

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## Objective

Aspiring software engineer seeking an internship in software engineering and development. Eager to contribute effectively to innovative projects while gaining hands-on experience and valuable industry knowledge.

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## Education

**Sri Lanka Institute of Information Technology (SLIIT) | Malabe, Sri Lanka.**

**BSc (Hons) in Information Technology, Specializing in Software Engineering**

Oct 2022 – Present

- Successfully completed a Higher Diploma in IT.
- Completed the first two years of study without repeats, and completed Year 4, Semester 1 (Y4S1).

**G/P. De. S. Kularathne College | Ambalangoda, Sri Lanka.**

**Advanced Level Examination (Local)**

2021 (2nd Attempt)

- Chemistry (C)
- Physics (B)
- Combined Mathematics (C)

**Ordinary Level Examination (Local)**

2017

- Art (B)
- Buddhism (A)
- Business & Account Studies (B)
- English Language (C)
- History (B)
- Information & Communication Technology (A)
- Mathematics (A)
- Science (A)
- Sinhala Language & Literature (B)

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## Industry Experience

**SLT Mobitel | Colombo, Sri Lanka.**

Jan 2025 – Jul 2025

**MERN Stack Full-Stack Developer (Intern)**

- Developed and maintained full-stack web applications using MongoDB, Express.js, React.js, and Node.js, collaborating effectively within an Agile team to ensure smooth project delivery.
- Implemented RESTful APIs with security tokens, handled error management, and performed testing to ensure application reliability.

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## Technical Skills

**Programming Languages:** C, C++, C#, Java, Python, SQL, JavaScript, Kotlin, PHP, R

**Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Bootstrap, Tailwind CSS

**Databases:** MongoDB, MySQL, SQLite

**Development Tools:** Git, VS Code, Visual Studio, Eclipse, Android Studio, Figma, Notepad++

**Frameworks:** MERN Stack (MongoDB, Express.js, React.js, Node.js), ASP.NET (C#), Android Development

## Projects

- Food Ordering & Delivering System** [🔗](#) | *MERN Stack, Microservices* y3s2 | 2025
- Developed a cloud-native Food Ordering & Delivery system using microservices, featuring multiple user roles (customer, restaurant, delivery person & admin), Stripe payment integration and real-time tracking & automatic assignment of nearby delivery personnel.
- Singlish – Sinhala – English Translator** [🔗](#) | *MongoDB, Express.js, React.js, Node.js* y3s1 | 2024
- Designed a character map for Sinhala – Singlish translation and integrated an open-source API for Sinhala – English translation.
- Remote Book Donation Mobile Application** [🔗](#) | *Kotlin* y3s1 | 2024
- Implemented a map feature displaying donation locations and navigation paths.
- Online Healthcare Management System** [🔗](#) | *MongoDB, Express.js, React.js, Node.js* y3s1 | 2024
- Developed an appointment management system with desktop and mobile responsiveness.
- Online Marketplace for Electronic Items** [🔗](#) | *MongoDB, Express.js, React.js, Node.js* y2s2 | 2024
- Designed the repair management section with full CRUD operations.
- Task List Mobile Application** [🔗](#) | *Kotlin, SQLite* y2s2 | 2024
- Created a to-do list app with CRUD operations.
- Snake Mobile Game** [🔗](#) & **Mathematics Mobile Game for Kids** [🔗](#) | *Kotlin* y2s2 | 2024
- Developed mobile games with integrated score tracking via shared preferences.
- Hospital Management System** [🔗](#) | *Java, JSP, Servlet, JDBC* y2s1 | 2023
- Designed a CRUD system for managing staff, patients, and appointments.
- Online Banking Management System** [🔗](#) | *HTML, CSS, JavaScript, PHP* y1s2 | 2023
- Developed a web-based banking system for account and transaction management.
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## Additional Information

- Language:** English (Intermediate), Sinhala (Native)
  - Interests:** Web & Mobile application development, problem-solving.
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