

# RASHMI RATHNAYAKA

## Software Engineer – Intern

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🔄 <https://github.com/RashmiRathnayaka>

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## ABOUT ME

Motivated Undergraduate in Information Technology at SLIIT (3rd Year, 2nd Semester) with hands-on experience as a Software Engineer Intern. Skilled in HTML5, CSS3, JavaScript (ES6+), and React.js, with a strong foundation in building responsive, mobile-first web applications. Experienced in integrating RESTful APIs and developing scalable, maintainable component-based architectures. Proficient in Git and committed to writing clean, efficient code. Eager to contribute technical skills and grow as a Software Engineer through practical industry experience.

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## EXPERIENCES

### E-Library Management System (Mar 2026)

- Developed a full-stack e-Library Management System using React.js and RESTful APIs, featuring book download functionality, reading analytics, personalized user library, and a gamified leaderboard to drive user engagement. Built responsive, mobile-friendly UI components and implemented efficient client-side data handling to track and visualize user activity across the platform.
- Technologies Used: **React.js, Node.js, Express.js, MongoDB**

### Singlish-to-Sinhala Translator (Jan 2026)

- Automated End-to-End Testing Designed and implemented 35 automated test cases (24 positive, 10 negative, 1 UI) for a real-world Singlish-to-Sinhala web translation application using Playwright and JavaScript. Configured cross-browser test execution across Chromium, Firefox, and WebKit, and integrated a CI/CD pipeline using GitHub Actions for automated test runs on every push and pull request.
- Technologies Used: **Playwright (Java Script)**

### All-in-one Personal Assistance Application (May 2025)

- Collaborated in a 5-member team to build a full-stack web application connecting users with trusted service professionals. Focused on developing responsive, user-friendly React interfaces, integrating RESTful APIs, and implementing secure payments with Stripe.
- Technologies Used: **React.js, Node.js, Express.js, MongoDB, Stripe API**

### Personal Finance Mobile Application (Oct 2024)

- Designed and implemented a personal finance Android application with real-time income and expense tracking, custom categories, monthly budget monitoring, and interactive dashboards to enhance financial management.
  - Technologies Used: **Android Studio (Kotlin)**
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## EDUCATION

- **BSc (Hons) in IT Specializing in Information Technology(Undergraduate) (2023 - Present)**  
Sri Lanka Institute of Information Technology (SLIIT)
  - **G.C.E (A/L) | Physical Science (Aug 2021)**  
Kirindiwela Central Collage
  - **G.C.E (O/L) (Dec 2018)**  
Sangamiththa Balika Vidyalaya, Kirindiwela
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## TECHNICAL SKILLS

### Frontend Development

- HTML
- CSS
- JavaScript
- React.js
- Responsive Design

### UI/UX Design

- Figma (Wireframing, Prototyping, Design Systems)

### Backend Technologies

- Node.js
- Express.js

### Database Management

- MongoDB
- SQL

### Test Automation

- Playwright