Minuli De Silva

Intern Software Engineer

+94 75 204 2018 | Kandy, Sri Lanka | minulidesilva2003@gmail.com | LinkedIn | GitHub | Portfolio

Personal Statement

I am a motivated and passionate Intern Software Engineer with a strong interest in software development, problem-solving, and learning new technologies. I enjoy working in collaborative environments and continuously improving my technical and professional skills through real-world projects and hands-on experience. Passionate about building practical solutions and growing as a software engineering professional.

Work Experience

Intern Software Engineer - R Tech Solutions — 2025 November - 2026 May

Education

BSc (Hons) in Information Technology Specializing in Information Technology — 2023 - Present
Sri Lanka Institute of Information Technology (SLIIT)
GPA: 3.2/4.0

G.C.E. (Advanced Level) Examination (physical science stream) — 2022(2023)
Girls' High School , Kandy

G.C.E. (Ordinary Level) Examination — 2018
Girls' High School , Kandy

Certifications

Sri Lanka Institute of Information Technology -

- **Professional Development Certified Program in Software Quality Assurance** — 2026
- **AI/ML Engineer - Stage 2** — 2025
- **AI/ML Engineer - Stage 1** — 2024

MongoDB -

- **MongoDB Data Modeling Path** — 2026

University of Moratuwa -

- **Certificate course in Python for Beginners** — 2025
- **Certificate course in Python Programming** — 2025
- **Certificate course in Web design for Beginners** — 2025
- **Certificate course in Front End Web Development** — 2025
- **Certificate course in Python for Beginners** — 2024

AWS -

- **AWS Cloud Practitioner Essentials course** — 2025

Alison -

- **Certificate course in Java for Beginners** — 2024

ITDLH -

- **Certificate course in Microsoft Office** — 2022

British Council -

- **Certificate Course in English Language** — 2022

Projects

PeerPal – Student Support System (Group Project Y3S2) 2026

- Built a full-stack student support platform for managing assignments, study sessions, modules, and events in one system.
- Implemented JWT authentication, email notifications, admin dashboard, and chatbot integration.

Technologies: *React, Node.js, Express.js, MongoDB, JWT, Axios, Nodemailer, Vite*

GitHub Repository

Smart Uni Hub - Smart Campus Operations System 2026

- Developed a smart campus management system to streamline resource booking, incident reporting, and campus workflows.
- Implemented role-based access, real-time notifications, secure authentication, and booking conflict detection.

Technologies: *Spring Boot, Spring Security, React, Vite, MongoDB, OAuth 2.0, Maven*

GitHub Repository

FMMS - Field Marketing Management System (R Tech Solutions) 2026

- Built a web-based system to manage field marketing operations, task allocation, routing, invoicing, and reporting.
- Designed role-based dashboards for admins, agents, and service teams with PDF and analytics features.

Technologies: *Next.js, React, TypeScript, Tailwind CSS, Radix UI, Recharts*

GitHub Repository

GitHub Repository

Quick Stay - Hotel Management System (R Tech Solutions) 2026

- Developed a hotel management platform for handling bookings, dining, payments, and staff operations.
- Implemented JWT authentication, role-based access, and admin dashboard for full system control.

Technologies: *React, Vite, Node.js, Express.js, MySQL, JWT, Tailwind CSS, Framer Motion*

GitHub Repository

Spotify Flutter App (Personal Project) 2025

- Created a Spotify-inspired mobile app with modern UI and dark/light theme support.
- Integrated Firebase authentication with animated UI and responsive design.
- Designed animated splash screens and responsive interfaces to enhance user experience while demonstrating Flutter theming and mobile app development best practices.

Technologies: *Flutter, Dart, Firebase Authentication, Material Design, Git, GitHub*

GitHub Repository

Weather Analytics Dashboard (Power BI Project) 2025

- Designed an interactive dashboard for weather and air quality analysis using real-time API data.
- Built visual reports using Power Query and DAX for insights on climate trends.

Technologies: *Power BI, Power Query, DAX, REST APIs, Data Visualization, Git, GitHub*

GitHub Repository

Future Wallet – Personal Finance Tracker (Mobile Application) 2025

- Developed an Android app for tracking income, expenses, and monthly budgets.
- Added spending analytics, reminders, and offline data storage features.

Technologies: *Kotlin, Android Studio, XML, SharedPreferences, Internal Storage*

GitHub Repository

Glamist – Salon Management System (Group Project) 2025

- Built a salon management system covering appointments, inventory, payroll, and customer management.
- Implemented salary calculation, bonuses, and reporting features in a role-based system.
- Contributed to the **Salary Management** module by implementing payroll processing features, including salary calculations, bonuses, overtime, deductions, and report generation.

Technologies: *React, Node.js, Express.js, MongoDB, Tailwind CSS, MERN Stack, GitHub*

GitHub Repository

Doc Care – Hospital Appointment Management System 2024

- Developed a web system for hospital appointments, patient records, and doctor scheduling.
- Implemented session-based authentication and CRUD operations using MVC architecture.
- Built using JSP and Java Servlets with a MySQL database following the MVC architecture.

Technologies: *Java, JSP, Servlets, MySQL, Apache Tomcat, HTML, CSS, JavaScript*

GitHub Repository

Tranquil Safari - Safari Booking Website 2024

- Built a safari booking platform for tour management, reservations, and admin operations.
- Implemented user authentication, role-based access, and booking management system.

Technologies: *PHP, MySQL, HTML, CSS, JavaScript, Apache (XAMPP/WAMP)*

GitHub Repository

Technical Skills

Microsoft Office 365 :	Word, Excel, Power Point, Access
Programming Languages :	Java, JavaScript, Python, C, C++, Kotlin, Dart, SQL, Flutter
Frontend Development :	HTML, CSS3, JavaScript, Typescript, React.js, Tailwind CSS, Bootstrap
Backend Development :	Node.js, Express.js, PHP,
Databases :	MongoDB, MySQL, SQLite
Version Control :	Git, GitHub
Tools :	Visual Studio Code, Eclipse, Postman, Figma, AWS, Android Studio, Intellij IDEA, Power BI

Additional Information

Languages :

- **English** (Fluent)
- **Sinhala** (Fluent)
- **Tamil** (Basic)

Soft Skills:

- Problem-solving
- Team Collaboration
- Time Management
- Attention to Detail

References

Dr. Kamalanath Samarakoon
Senior Lecturer, SLIIT

kamalanath.s@kandyuni.lk

Ms. Menaka Moonamaldeniya
Lecturer, SLIIT

menaka.m@kandyuni.lk