

RUCHIRA THARUPATHI

SOFTWARE ENGINEERING INTERN

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SUMMARY

I am an undergraduate student a Bachelor of Science in **Information Technology** at **SLIIT**, with a strong focus on Full-Stack Development. My expertise lies in **JavaScript frameworks** and **SQL**, developed through both academic projects and practical experience. I have a solid foundation in **object-oriented programming, design patterns**, and **modern web development technologies**. I am skilled at building scalable, user-friendly web applications with clean and efficient code. Passionate about technology and innovation, I am eager to contribute to dynamic and impactful projects while continuously enhancing my skills in the IT industry.

SKILLS

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|--------------|----------------|-----------------------------|----------------------|
| • Java | • React.js | • Node.js | • Leadership |
| • Python | • React-Native | • Express.js PHP | • Teamwork |
| • JavaScript | • HTML5/CSS3 | • SpringBoot (Beginning) | • Problem Solving |
| • C/C++ | • Tailwind | • SQL (MySQL, SQLite) | • Communication |
| • SQL | • CSS | • NoSQL (MongoDB, Firebase) | • Project Management |
| • TypeScript | • UI / UX | • Versioning Control (Git) | |

PROJECTS

Salon Pabalu - Web-Application Salon Management System	JUL 2024 - NOV 2024
Sri Lanka Institute of Information technology	

Developed a web-based Salon Management System for Salon Pabalu to streamline operations and improve customer service. Built with the MERN stack (MongoDB, Express.js, React.js, Node.js), the system automates key processes like user account management, appointment scheduling, inventory tracking, service management, and employee performance.

Laundry Mart - Web-Application Landary Management System	JUN 2024 - MAY 2024
Sri Lanka Institute of Information technology	

Developed a web-based Laundry Management System for Laundry Mart to enhance operational efficiency and customer satisfaction. The system, built using HTML, CSS, JavaScript, and Java Servlets, automates essential processes such as user account management, feedback handling, inventory tracking, and service management. This solution streamlined daily operations and provided a more organized and user-friendly interface for both staff and customers.

EduFlow- Web-Application Skill Sharing Platform	FEB 2025 - Present
Sri Lanka Institute of Information technology	

Developed a web-based Skill Sharing Platform for EduFlow aimed at enhancing operational efficiency and user engagement. Leveraging the MERN stack, CSS and Spring Boot, the platform automates core functionalities such as user management, skill post creation, comment and notification handling, and service learning plan administration. A standout feature includes an integrated AI-powered chatbot to assist users in real time. user-friendly experience for both administrators and learners.

PROJECTS

Job-Expert - Web-Application Job apply platform

FEB 2025 - Present

Sri Lanka Institute of Information technology

Developed a web-based Job Apply Platform for Job-Expert to enhance operational efficiency and user engagement. Built using the MERN stack (MongoDB, Express.js, React.js, Node.js) and Tailwind CSS, the platform automates key functionalities such as user management, job application and tracking, company management, and includes a built-in CV generator. The system provides a streamlined and user-friendly experience for both job seekers and administrators.

EDUCATION

BSc (Hons) in Information Technology – Information Technology

FEB 2023- Present

Sri Lanka Institute of Information Technology (SLIIT)

- Data Structures & Algorithms: Master data structures (arrays, trees, etc.) and algorithm optimization.
- Database Management: Learn SQL/NoSQL, relational/non-relational databases, and schema design.
- Software Engineering: Understand SDLC, project management, debugging, and testing.
- Web Development: Gain skills in front-end (HTML, CSS, JavaScript) and back-end (Node.js, PHP, Spring boot), including APIs.
- Mobile Development: Build Android/iOS apps with technologies like Kotlin or React Native.
- Software Testing: Learn testing techniques and tools for software quality.(selenium , Azure Broad)
- Project Management & Soft Skills: Develop project management, teamwork, and communication skills.

Diploma in Information Technology – ESOF Metro Campus

MAY 2022 - DEC 2022

- Concepts & Productivity: Understanding foundational IT principles and enhancing productivity using MS Office tools.
- Basic skills in creating and editing graphics and multimedia content for digital platforms.
- Programming Languages: Proficient in Python.
- SQL : Experience with relational databases schema design and query optimization.
- Soft Skills: Teamwork, communication, documentation, and project management proficiency.

Advanced Level (Technology Stream)

MAY 2019 - FEB 2022

- Wellassa National College, Bibile.

ADDITIONAL INFORMATION

- **Languages:** English, Sinhala.
- **Certifications:**
 - Diploma in Information technology (ESOF Metro Campus)
 - Diploma in English (ESOF Metro Campus)
 - Introduction to GitHub (Microsoft learning)
 - Frontend Developer (React) - (Hacker Rank)
 - Challenge project to Create a mini-game (Microsoft learning)
- **LinkedIn:** www.linkedin.com/in/ruchira-tharupathi-0b9b6334b/
- **Portfolio:** <https://ruchiratharupathi.netlify.app/>