Methmi Pathirana *Software Engineering Undergraduate*

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Profile

I am Methmi Himaya Pathirana, a third-year BSc. (Hons) Software Engineering undergraduate at the Sri Lanka Institute of Information Technology (SLIIT). I am a passionate and creative individual with a strong interest in software development and design. I am eager to apply my knowledge in real-world environments, contribute to impactful projects and gain hands-on experience through an internship that supports both technical and creative growth.

Education

2023 – present	**BSc.(Hons) Information Technology specializing in Software Engineering** *Sri Lanka Institute of Information Technology (SLIIT), Malabe*
2023 – 2024	**Diploma in English Language & speaking** *SVS School For English, Nugegoda*
2019 – 2022	**G.C.E. Advanced Level Examination** *Visakha Vidyalaya, Colombo 04* Got passed with 1A & 2Bs (Logic, Information Technology & Mathematics)

Projects

02/2025 – 04/2025	**NELSON ENTERPRISES - Gases & Accessories Management System** *Team Leader │ MERN Stack │ Agile Methodology │ year 2 semester 2* Led a team of five in developing a web-based management system for Nelson Enterprises, a physical store in Narammala, Sri Lanka. The system streamlines business operations with online ordering and delivery. Built using the MERN stack and styled with Tailwind CSS, following Agile practices with regular client feedback. **Key Features:** • User, Inventory, Order, Delivery & Customer Support Management • Shopping cart, order placement, and payment handling (**my primary responsibility**) 🔗 Github repository - https://github.com/MethmiHP/Gas-Management.git ⧉ (**dev branch**)
03/2025 – 03/2025	**MOMENTO - Event booking app** *UI/UX Design │ Figma │ Prototyping │ year 2 semester 2* Designed a user interface for an event booking platform using Figma as part of academic coursework. The app allows users to book or inquire about venues, cakes, decorations, and salons. Created interactive prototypes with smart animations and applied a 60:30:10 color scheme (blue, white, yellow) for a clean, vibrant UI. Strengthened skills in UI/UX design and prototyping.
05/2025 – 06/2025	**Walletry - Finance management app** *UI/UX Design │ Android Studio │ year2 semester 2*
07/2024 – 11/2024	**Music Store system** *Java │ OOP concepts │ year 1 semester 2*

Skills

Technical Skills

- **Languages & Frameworks:** JavaScript, HTML, CSS, React.js, Node.js, Express.js, Kotlin
- **UI/UX Design Tools:** Figma, Canva
- **Styling & UI Libraries:** Tailwind CSS
- **Version Control & Tools:** GitHub, Git, VS Code, Postman
- **Database:** MongoDB, SQL
- **Development Practices:** Agile Methodology, Prototyping

Soft Skills

- Leadership & Team Coordination
- Communication & Collaboration
- Problem-Solving
- Time Management
- Adaptability

Languages

- Sinhala [Native]
- English

Certificates

- UI/UX basics - Great learning
- Responsive web design - FreeCodeCamp
- Figma Design Basics & Features - Alison

Additional Qualifications

2025 – Present	**Volunteer in RAS IEEE** *Editorial team | video editor*
2024 – Present	**Member of LEO Club of SLIIT**
2022 – 2023	**Diploma in Psychology and Councelling** *IMBS green Campus, Gampaha*

References

Buddika Harshanath, *Lecturer,* Sri Lanka Institute of Information Technology
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