

Nipun Pramodya Jayasinghe



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IT22202468



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Motivated Software Engineering undergraduate skilled in full-stack development with Java, JavaScript, and the MERN stack. Passionate about AI, Machine Learning, and building scalable applications. Excels in problem-solving and thrives in collaborative environments.

CORE SKILLS

Backend Web Development

- Languages: Java, JavaScript, SQL
- Frameworks / Libraries: Express JS, Node JS
- APIs: OpenAI

Frontend Web Development

- Languages: HTML, CSS, JavaScript
- Frameworks / Libraries: React JS, Next JS, Tailwind CSS, Bootstrap

C, C++, Python Programming

Mobile App Development

- Languages: Kotlin, Flutter

Other Skills

- Version Control: Git, Github
- Databases: MongoDB, MySQL, Oracle
- Cloud Services: Azure Custom Vision AI
- Development Tools: VS Code, Postman
- Prompt Engineering

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) (2022 - 2026)

Undergraduate

Bachelor of Science (Honours) in Information Technology Specializing in Software Engineering



Bandaranayake College, Gampaha

(2011 - 2019)

Advanced Level - 2019

Physical Science



CERTIFICATIONS

- The Web Developer Bootcamp 2023 - Udemy
- Frontend Developer (React) Certificate - Hackerrank
- AI / ML Engineer Stage 1 - Industry Engagement Unit - SLIIT
- ChatGPT Prompt Engineering for Developers

VOLUNTEERING

Software Engineering Student Community- SLIIT

Member since July 2024

Contributed to the open-source development, UI/UX designing, and Technical article writing.

MS Club of SLIIT

Member since June 2024

Contributed to the open-source development, UI/UX designing, and Technical article writing.

ACHIEVEMENTS

Top 10 Finalist - Xiro Squad

Crea8x Inter-University Designathon 2024
Organized by BCS Student Chapter - Kothalawala
Defence University

Top 10 Finalist - Team Xiro

Mini Hackathon 24
Organized by MS Club of SLIIT

PROJECTS

• FieldExpert Farm Management System -2024

Group Project for University | Role: Group Leader

Developed a web application to help farmers manage their agricultural data, such as crop records, pest and disease information

- Contribution: Implemented the Pests and Plant Diseases function, Crop Recommendation function
- Repository links: [Frontend](#) [Backend](#)
- Technologies used: Mongo DB, Express JS, React JS, Node JS, Tailwind CSS, Azure Custom Vision AI, OpenAI APIs

• The Official Website of Mini Hackathon - 2024

Open-Source Project by MS Club of SLIIT

- Contribution: Implemented the Rules Section.
- [Web](#)
- Technologies used: Next JS, React JS, Tailwind CSS

• The Official Website of Computer Systems and Network Engineering Student Community of SLIIT - 2024

Open-Source Project by MS Club of SLIIT (Ongoing)

- Contribution: Fixed frontend issues and refactored the code.
- [Web](#)
- Technologies used: Next JS, React JS, Tailwind CSS

• Web Application for Genius Restaurant (Restaurant Management System) – 2024

Group Project for University | Role: Group Leader

Developed a full-stack web application using the MERN stack to manage restaurant tasks such as orders, menus, and reservations.

- Contribution: Implemented the user authentication and user management function.
- Repository links: [Frontend](#) [Backend](#)
- Technologies used: MongoDB, Express JS, React JS, Node JS

• Event Management System - 2023

Group Project for University | Role: Group Leader

Developed a web application using Java and MySQL for event scheduling.

- Contribution: Implemented the user management function and business management function.
- [Repository link](#)
- Technologies used: Java, MySQL

REFERENCES

Dr. Kalpani Manathunga
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