

Nipun Pramodya Jayasinghe

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Summary

Software Engineering undergraduate at SLIIT and Intern Software Engineer at Ascent Business Solutions with hands-on experience in full-stack development and RPA. Skilled in React, Next.js, Django, FastAPI, and Automation Anywhere 360. Passionate about software architecture, AI integration, and building scalable, user-focused applications.

Work Experience

Ascent Business Solutions, Intern Software Engineer | RPA Developer

Ja Ela, Sri Lanka
Jan 2025 – Aug 2025

- Developed responsive user interfaces using React JS and Next JS, improving front-end functionality and user experience.
- Built and maintained back-end services with Django and FastAPI, ensuring efficient API integrations and business logic handling.
- Contributed to Robotic Process Automation (RPA) projects using Automation Anywhere 360 to streamline the ongoing manual processes.

Education

Sri Lanka Institute of Information Technology (SLIIT)

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

Malabe, Sri Lanka
2022 - Present

Bandaranayake College

Advanced Level Physical Science

Gampaha, Sri Lanka
2011 - 2019

Skill & Achievements

Programming Languages: Java, JavaScript, Python, SQL, C++

Back-end: Express JS, Node JS, Django, FastAPI, Spring Boot

Front-end: React, Next.js, Tailwind, Bootstrap

Databases: MongoDB, MySQL, MSSQL

Automation & Cloud: Automation Anywhere 360, Azure Custom Vision

Tools: Git, GitHub, Docker, Postman, VS Code

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
- Essentials Automation Certification 2024 Automation Anywhere

Volunteering

MS Club of SLIIT — Treasurer

June 2024 – Present

Software Engineering Student Community — Event Coordinator

- Contributed to UI/UX design, open-source development, and technical article writing to support community growth.
- Organized and coordinated tech events, workshops, and knowledge-sharing sessions to engage and empower students.

Projects

FieldExpert Farm Management System

Group Project for University | Role: Group Leader

front-end [↗](#) back-end [↗](#)

2024

- 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 including Azure Custom vision AI, Crop Recommendation function using OpenAI API
- Technologies used: Mongo DB, Express JS, React JS, Node JS, Tailwind CSS, Azure Custom Vision AI, OpenAI APIs

Arthritis.lk

CSR Project for Kurunegala Hospital by Software Engineering Student Community | Role: Developer

[view](#) [↗](#)

2024

- Developed Rules Section page with impressive UI while maintaining the mobile responsiveness
- Contribution: Implemented UIs.
- Technologies used: Next JS, React JS, Tailwind CSS, CMS

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

Project for MS Club of SLIIT | Role: Developer

[view](#) [↗](#)

2024

- Contribution: Fixed front-end issues and refactored the code.
- Technologies used: Next JS, React JS, Tailwind CSS

Web Application for Genius Restaurant (Restaurant Management System)

Group Project for University | Role: Group Leader

front-end [↗](#) back-end [↗](#)

2024

- Developed a full stack web application using the MERN stack to manage restaurant tasks such as orders, menus, and reservations.
- Contribution: Fixed front-end issues and refactored the code.
- Technologies used: Next JS, React JS, Tailwind CSS

Event Management System

Group Project for University | Role: Group Leader

[view](#) [↗](#)

2023

- Developed a web application using Java and MySQL for event scheduling.
- Contribution: Implemented the user management function and business management function.
- Technologies used: Java, MySQL

References

Dr. Kalpani Manathunga

Head / Assistant Professor
Department of Software Engineering
Faculty of Computing
Sri Lanka Institute of Information Technology
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