



HIMANTHA HIRUSHAN

Software Engineer (Graduate)

Portfolio | LinkedIn | GitHub | HackerRank

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SUMMARY

Recent BSc (Hons) IT Graduate (SLIIT) with 6 months of internship experience in full-stack development (MERN, Django). Passionate about building scalable web applications with React.js, Node.js, and MySQL. Strong collaborator with hands-on experience in debugging, Agile workflows, and UI/UX improvements. Eager to contribute as an intern at Optimize Solutions by supporting backend tasks and modern frontend development.

WORK EXPERIENCE

Software Engineering Intern | Lithium Technologies Pvt. Ltd., Colombo

Jul 2024 – Jan 2025

- Debugged and optimized ERP modules (PHP/MySQL), resolving 10+ bugs to improve system efficiency
- Assisted in building POS/CRM web apps using Agile methodologies.
- Collaborated with senior developers to optimize Moodle LMS features, enhancing user experience.

EDUCATION

BSc (Hons) Information Technology Specialising in Information Technology

Feb 2021 – Feb 2025

Sri Lanka Institute of Information Technology (SLIIT)

PROJECTS

1. MEPHUB – Workforce Platform (MERN Stack) - [Live](#) | [Github](#)

- Built a full-stack app with React.js, Node.js, and MongoDB for construction workers.
- Implemented secure authentication and role-based dashboards.

Tech: React, Node.js, MongoDB

2. Orga Green – E-commerce | (Django) - [Live](#) | [Github](#)

- Developed a responsive UI with dynamic product catalog and Razorpay integration.

Tech: Django, JavaScript, HTML, CSS, Render

3. Plant Disease Detection | (TensorFlow, Flask) - [Github](#)

- Trained a 96% accurate CNN model; deployed via Flask with a user-friendly interface.

Tech: TensorFlow, Flask, NumPy, Pillow, HTML, CSS

4. HerbalHub: Gamified Plant-Tracking Platform | (Python, Django)- [Github](#)

- Engineered a platform for users to upload geotagged plant images, auto-plotted on a world map using EXIF data.
- Designed a reward system with points, leaderboards, and REST APIs for data management.

Tech: Django, MySQL, JavaScript

TECHNICAL SKILLS

Frontend : JavaScript (ES6+), React.js, Tailwind CSS, HTML/CSS

Backend : Node.js, Express.js, Django

Databases : MySQL, MongoDB

Tools : Git, VS Code, Postman