# HIMANTHA HIRUSHAN

Software Engineer

LinkedIn | GitHub | HackerRank

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## SUMMARY

Results-driven Software Engineer with a BSc (Hons) in IT from SLIIT and 6 months of internship experience at Lithium Technology, specializing in full-stack development (MERN, PHP, Python). Proven expertise in building ERP systems, web applications, and AI/ML solutions with a strong focus on scalability and user-centric design. Adept at problem-solving, agile methodologies, and cross-functional collaboration.

## WORK EXPERIENCE

**Software Engineering Intern | Lithium Technologies Pvt. Ltd., Colombo**　　　　**Jul 2024 – Jan 2025**

- Developed and maintained ERP modules (inventory, HRM) using PHP, MySQL, and Apache for enterprise clients.
- Contributed to Moodle-based LMS systems, implementing features to enhance user experience and functionality.
- Assisted in building web applications for POS and CRM systems, following Agile development practices.
- Collaborated with senior developers to troubleshoot and optimize existing systems for better performance.

## EDUCATION

**BSc (Hons) Information Technology Specialising in Information Technology**　　　　**2021 – 2025**
SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY (SLIIT)

## PROJECTS

**1. MEPHUB – CONSTRUCTION WORKFORCE CONNECT PLATFORM | (MERN Stack) -** *Live Site*

- Developed a full-stack, production-grade web application for Mephub.lk, connecting construction field workers with clients seeking services.
- Built an advanced admin panel enabling Mephub staff to manage platform content, user roles, and job postings with ease.
- Implemented secure user authentication, role-based dashboards, real-time job listings, and messaging.
- Optimized for mobile and desktop with a fully responsive UI and seamless user experience.
- Tech: React.js, Node.js, Express.js, MongoDB, Vercel (Frontend Deployment)

**2. HERBAL HUB: GAMIFIED PLANT-TRACKING PLATFORM | PYTHON, DJANGO -** *Github Repo*

- Developed a social media-integrated web app for plant tracking.
- Implemented real-time geolocation tracking using EXIF data.
- Integrated a plant identification system powered by machine learning.
- Tech: Python, Django, REST APIs, and MySQL.

**3. JOB SEARCH & POSTING WEB APPLICATION | LARAVEL -** *Github Repo*

- Designed a dynamic web app with user authentication and CRUD operations.
- Tech: Laravel, MySQL, Bootstrap.

**4. HOSPITAL RESOURCE SHARING PLATFORM | MERN STACK -** *Github Repo*

- Built a full-stack system for emergency resource allocation and sharing (Emergency beds, blood donations).
- Tech: React.js, Node.js, MongoDB.

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## TECHNICAL SKILLS

**Languages**    **:** Python, JavaScript, PHP, Java, SQL
**Frameworks :** Django, Laravel, React.js, Node.js,Express.js, Flask
**Tools**          **:** GitHub, AWS EC2, VS Code, Postman
**Databases**    **:** MySQL, MongoDB

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## CERTIFICATIONS

AWS Academy Cloud Foundations - **Amazon Web Services |** Visit Link

Python Developer - **Sololearn |** *Visit Link*

ML for Beginners - **Sololearn |** *Visit Link*

HTML, CSS, & JavaScript Certification Cource - **Udemy |** *Visit Link*

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## SOFT SKILLS

Communication skills

Critical Thinking

Problem Solving

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## Extracurricular activities

Member, SLIIT Football Team

Member of Rajan's football teams

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## REFERENCES

**Tharindu Lakruwan**
Senior System Support Engineer
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**Rasika Nanayakkara**
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