



Lasantha Pradeep

Undergraduate | University of Moratuwa

Basic Info

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OTHER LINKS

[!\[\]\(95b425611cbd2b8716a140cf67c81822_img.jpg\) LINKEDIN](#)

[!\[\]\(b4eeff342f60cc7bcd67d869b4fedca2_img.jpg\) GITHUB](#)

[!\[\]\(4f6bf54ae7e4144a72d78316053e412d_img.jpg\) FACEBOOK](#)

[!\[\]\(3342c215b2a8b663596a81468d5dc314_img.jpg\) INSTAGRAM](#)

About Me

I am a motivated and results-driven individual with a strong passion for software development. I take pride in delivering high-quality work through creative problem-solving and attention to detail. Currently, I am seeking a Software Engineer position where I can apply my skills, grow professionally, and contribute effectively to innovative projects.

Education

- UNIVERSITY OF MORATUWA
BSc.(Hons) Information Technology & Management
(2021- expected in 2025)
- GCE Advanced Level
Ku/Thiragama Navodya Vidyalaya (2019)
Results - A A B
District Rank-18(Kurunegala)
- GCE Ordinary Level
Ku/Thiragama Navodya Vidyalaya (2015)

Certificates

- Diploma in English - IDM Achievers International Campus
- Certificate course in graphic designing conducted by Wayamba Nenasala IT Training Center
- MS office package - conducted by the Ministry of Education in collaboration with the Kurunegala Zonal Education Office

Skills

Programming Languages

- Java • C

Web Development

- HTML • CSS • JavaScript • TypeScript • Angular • Spring Boot

Database

- MySQL • PostgreSQL • MongoDB • Firebase

Version Control

- Git

Project Management Tools

- Trello

IDEs

- IntelliJ IDEA • Visual Studio

Graphical Designing

- Blender • Figma • Adobe Photoshop • Adobe Illustrator
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Other Skills

- Leadership • Creativity • Teamwork • Problem Solving • Communication
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Languages

- Sinhala (Native) • English
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Work Experience

Software Engineer Intern

- Software Lifecycle Consultants (March 2024 – September 2024)

Contributed to two real-world software development projects, collaborating closely with cross-functional teams.

Projects

- **AI IT Path Finder – Career Development Platform**

(Level 4 – Final Year Group Project)

The AI IT Path Finder is a web-based platform designed to revolutionize career development for individuals in the IT industry. It utilizes artificial intelligence to offer personalized job recommendations, generate tailored CVs, automate job application tracking, and assist with interview preparation through an AI-powered chatbot. As a core contributor, I was responsible for developing the Resume-Job Matching Module, which compares resumes with job descriptions using text extraction, TF-IDF, and cosine similarity to calculate match percentages and highlight relevant keywords. Also I worked on the Company Registration and Job Posting Module, allowing companies to create accounts, manage profiles, and post job vacancies. This functionality enabled real-time job listing updates and seamless integration with the resume matching system.

- Role: Full Stack Developer
 - Technologies: Python (Flask), TF-IDF, Cosine Similarity, Firebase, Next.js
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- **DOA Land Information Management System**

(Software Engineering Intern – Software Lifecycle Consultants)

I contributed to the DOA (Department of Agriculture) Land Information Management System, a web-based platform for managing and displaying land data. I worked on integrating land details from the backend to the frontend using Next.js, Redux, and MongoDB. I also resolved data access issues early in the project and actively participated in daily meetings, knowledge-sharing sessions, and code reviews, which enhanced my skills in full-stack development and team collaboration.

- Role: Full Stack Developer
 - Technologies: Next.js, Redux, TypeScript, MongoDB
 - GitHub Repo & Demo: Available at <https://github.com/Software-Lifecycle-Consultants>
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- **SusDev project**

(Software Engineering Intern – Software Lifecycle Consultants)

As part of the SusDev project during my internship at Software Lifecycle Consultants, I worked on developing the Admin User Management module using Next.js, React, TypeScript, PostgreSQL, Drizzle ORM, and TailwindCSS. I implemented features such as the Add New User pop-up form, reusable admin and manager user tables, role-based filtering, and a status switch button for users. I closely followed Figma designs, coordinated with the team to identify missing components, and integrated email validation using validator.js to ensure input reliability .

- Role: Full Stack Developer
 - Technologies: NextJS + React ,TypeScript ,PostgreSQL ,Drizzle ORM ,TailwindCSS
 - GitHub Repo & Demo: Available at <https://github.com/Software-Lifecycle-Consultants>
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- **Student Career Guidance Web-application**

(Level 2 - Project on IT Applications)

The primary objective of this project is to offer registered users comprehensive career guidance within the IT industry. Leveraging a psychometric test, the web application provides personalized recommendations for suitable career paths. Additionally, it connects users to relevant discussion forums, enabling them to engage with industry professionals and gain valuable insights. The platform also grants access to job opportunities posted by registered companies, empowering individuals to make informed career decisions. As the group leader, my responsibilities include developing the psychometric test and suggesting appropriate career options based on the results.

- Role: Team Leader , Full Stack Developer
 - Technologies: Angular , Typescript , Springboot , PostgreSQL
 - GitHub Repo & Demo: Available at <https://github.com/lasantha117/PowerSeekers>
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- **ClassMaster LK – Desktop Class Management Application**

(Solo Project)

ClassMaster LK is an offline desktop application developed to digitize and streamline class management for individual tutors and small tuition providers in Sri Lanka. It eliminates the need for traditional paperwork by providing a centralized dashboard to manage students, record attendance, track fee payments, and schedule classes. The system is designed for ease of use and reliability, especially in low-connectivity environments.

- Role: Full Stack Developer
 - Technologies: React, JavaScript, HTML, CSS, Python (Flask), Electron
 - GitHub Repo & Demo: Available at <https://lasantha.me>
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- **NFT Generator Pro – Offline NFT Collection Builder**

(Solo Project – Live Product)

NFT Generator Pro is a secure, offline desktop application built for artists and creators to generate complete, metadata-rich NFT collections without coding. The app transforms layered artwork into blockchain-ready assets within minutes, offering features like advanced rarity settings, live previews, one-click JSON metadata export, and an intuitive drag-and-drop interface. Designed to replace risky online tools and complex scripts, it provides a reliable, user-friendly experience. The product is currently available on the market as a one-time purchase with lifetime updates and product key access via Gumroad.

- Role: Full Stack Developer
 - Technologies: React, JavaScript, HTML, CSS, Python (Flask), Electron, Gumroad (Product Licensing)
 - GitHub Repo & Demo: Available at <https://lasantha.me>
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- **Hot Knowledge – Gamified Crypto Learning Platform**

(Solo Project – Hackathon Project – Built for HOT Protocol x PitchTalk)

Hot Knowledge is a Telegram-based web application developed during a hackathon organized by Hot Protocol in collaboration with PitchTalk. The platform is designed to educate users about the HOT and NEAR blockchain ecosystems through weekly quizzes, interactive dashboards, and a referral system. It features Telegram authentication, wallet integration, and a gamified learning experience where users earn points, convert them to HOT tokens, and stay informed with the latest crypto news.

- Role: Full Stack Developer
- Technologies: JavaScript, React Native Framework
- Demo & GitHub: Available at <https://lasantha.me>