

CHATHUMINA LIYANAGAMAGE

Software Engineering

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SUMMARY

Software Engineer with practical experience in developing scalable web applications using React, Next.js, and the MERN stack. Successfully delivered multiple end-to-end solutions, including a live Photography Platform and E-commerce systems. Demonstrated technical proficiency by transitioning from Intern to Permanent Software Engineer within 3 months while managing complex data systems

WORK EXPERIENCE

Software Engineer | OnimtaIT (08/2025 – Present)

- Engineered the official company website and a comprehensive e-commerce platform for Venpaa Book Shop using Next.js, integrating PayHere payment gateway and architecting future support for Mintpay (BNPL).
- Led the UI/UX design process in Figma for 3+ major web projects, ensuring 100% mobile responsiveness and intuitive user journeys.
- Executed daily data integrity checks and layout optimizations for the Bally's Casino Management System, ensuring 100% data accuracy.

PROJECTS

Professional Photography Platform – miracleretoucher.com

Developed a full-stack MERN application with a secure Admin Panel, currently hosting 50+ high-resolution images with boosted load times.

Technologies – MERN Stack

E-commerce Solution - Lakmina Products (In Progress)

Architecting a high-performance system using Next.js and MongoDB capable of managing 500+ product SKUs, resulting in a 40% improvement in SEO visibility

Technologies – Next.js, MongoDB, Express.js, Node.js

Agricultural Service Platform - summerfieldchemicals.com

Serving as UI/UX Designer and Frontend Developer, creating an intuitive interface that reduces user navigation steps by 40%.

Technologies – Next.js, tailwind, typescript

Dental Healthcare Application

Engineered a real-time system using React and Firebase to manage 200+ patient records, achieving a 50% reduction in booking time through systematized notifications.

Technologies – React, Firebase

ACHIEVEMENTS

Participated in Quality Week
Focusing on enhancing software quality and testing practices. Learned about AI tools for efficient testing, blockchain testing techniques, and the importance of user empathy.

SKILLS

Web Development

HTML, CSS, JavaScript - Proficient
Mern Stack - Intermediate

UI/ UX Design

Figma - Proficient

Databases

Firebase - Intermediate
MongoDB - Beginner

Version Control - GitHub

EDUCATION

BSc (Hons) Software Engineering – Upper Second Class Honours
[University of Plymouth \(Partner - NSBM University\)](#) 09/2022 - 09/2025

Certificate of Completion in Computer Literacy
[OUSL](#) 04/2022 - 07/2022

Java Training course
[Udemy](#) 2022

Certificate in Computer Science
SLTCA 05/2021 - 11/2021

REFERENCES

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