

Thiha Soe Hlaing

Software Engineer

Profile

Software Engineer with 5+ years of experience in backend development and system design. Skilled in building RESTful APIs, managing databases, and deploying applications on servers with Docker, Nginx, and CI/CD pipelines. Experienced with modern JavaScript frameworks including React, Next.js, and Vue.

Soft Skills

- Problem-solving and analytical thinking.
- Adaptability and continuous learning (MSc focus: Software Quality Analysis, Project Management, Natural Language Processing, Reliability, Big Data Analysis).
- Effective communication and technical documentation.
- Collaboration in Agile/Scrum teams.
- Attention to detail in software quality and testing

Experience

Full-stack Developer, Tamron Technology, Yangon, Myanmar

March 2022–November 2023

- Prepared project documentation (system specs, SIT/UAT reports, CRs, and fault logs) to ensure compliance with delivery timelines and maintenance standards.
- Improved backend performance and system reliability by optimizing APIs, and introducing structured fault reporting.
- Collaborated with cross-functional teams to enhance website performance, UX, and SEO, achieving faster load times and improved search visibility.

Senior Web Developer, Za Information Technology, Yangon, Myanmar

September 2019–March 2022

- Built and maintained scalable, secure web applications using Laravel, and modern frameworks.
- Designed and implemented custom CMS solutions, improving content management efficiency by 40% and boosting user engagement.
- Developed merchant and seller panels with real-time updates (Socket.io, Redis), streamlining operations and enhancing customer experience.

Contact Information

Parkhill Residence, Bukit Jalil,
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Nationality

Myanmar

Work Authorization

Requires visa sponsorship

Portfolio & Profiles

<https://thiha.pages.dev>
<https://github.com/Thihasoehlaing>
<https://www.linkedin.com/in/thiha-soe-hlaing-386663172/>

Technical Skills

Backend

Node.js, Express.js, PHP,
Laravel, Python, RESTful API
Design, MVC Architecture,
Socket.io

Databases

PostgreSQL, MongoDB, MySQL

DevOps & Tools

Docker, Nginx, PM2, Git, CI/CD
Pipelines

Frontend

HTML5, CSS3, JavaScript,
TypeScript, React.js, Next.js,
Vue.js, Ionic, Tailwind CSS,
Bootstrap

Languages

- Burmese
- English

Education

Master of Science in Software Engineering, Asia Pacific University, Kuala Lumpur, Myanmar

January 2025–Present (Expected January 2026)

- Relevant modules: Software Quality Engineering, Managing Software Development Projects, Object-Oriented Systems Engineering, Internet Applications, Security Technologies, Reliability Management

Bachelor of Computer Technology, University of Computer Studies, Taungoo, Myanmar

December 2014-August 2019

- Core studies in database design, JavaScript development, embedded systems, and hardware fundamentals.
- Practical experience with microcontroller interfacing, relational databases, and front-end scripting.

Projects

1. ABC Comics & Novels – Global Cloud Technology

Developed a server-side rendered platform with Next.js, Node.js, and MongoDB. Implemented server-side watermarking for content protection and optimized SEO for performance and visibility.

2. Global Marketplace – Seller Panel (Za Information Technology)

Built a custom seller dashboard with Laravel, Vue.js, Tailwind CSS. Integrated real-time tracking using Socket.io and Redis, improving seller engagement and operational efficiency.

3. RG Express – Merchant Panel (Za Information Technology)

Developed a parcel tracking and merchant management system using Laravel, PostgreSQL, and Vue.js. Optimized backend performance for real-time workflows and smoother user experience.

4. SBS Express – Merchant Panel (Za Information Technology)

Created reusable Vue.js components and improved form designs for better usability. Enhanced backend with Redis caching and contributed to feature launches with efficient debugging.

Projects

5. Myanmar Post – Merchant/Admin Panels (Za Information Technology)

Built admin and merchant panels from design mockups with Laravel, Vue.js, Tailwind CSS. Designed invoices and email templates, and resolved go-live issues to ensure system stability.

Projects (Hackathon & Academic)

1. Multilingual AI Avatar (Hackathon Project)

Developed a real-time multilingual avatar system with FastAPI and React, integrating AWS Bedrock, Polly, and S3 for voice-to-voice translation and lip-sync viseme mapping.

GitHub:

Backend: <https://github.com/Thihasoehlaing/multilingual-avatar-backend>

Frontend: <https://github.com/Thihasoehlaing/multilingual-avatar>

2. Serena E-Commerce (Academic Project)

Built a boutique web store using ASP.NET Web Forms and SQL Server, implementing catalog browsing, cart/checkout flow, member authentication, and admin order management.

GitHub: <https://github.com/Thihasoehlaing/serena>

3. Spelling Correction System (Academic NLP Project)

Designed an NLP-based spelling correction system using Python, NLTK, and edit distance techniques, integrating bigram/trigram models and GUI-based editing with PySide6.

GitHub: <https://github.com/Thihasoehlaing/spelling-correction-system>