Thura Nyi

experience in frontend, server-side APIs, and DevOps, passionate about bridging design and engineering to build engaging and robust software.

thuranyi64@gmail.com
+959265577722
github.com/Thuranyi98
thuranyi.com

Relevant Experience

Frontend Developer . **Next Innovations .ltd** Sep 2024 - Present

- Design a three-tier architecture on AWS that incorporates load balancing, a Bastion host, S3 storage, Auto Scaling, RDS, SES, and CloudWatch log monitoring for both UAT and production environments, with an emphasis on file uploads and optimizing CPU performance during spikes.
- Implement Continuous Integration/Continuous Deployment (CI/CD) pipelines in GitLab to facilitate seamless updates across staging, UAT, and production environments.
- Integrate an OpenAI chatbot with prompt engineering capabilities to enable order posting functionality.
- Collaborate with frontend and backend developers, as well as Japanese UI/UX designers, to develop a website utilizing Material UI.
- Build the Talend Cloud job portal platform to connect Japanese clients with developers from Myanmar.

React Native Developer (Part time) . **AXRA TECH** Oct 2024 - Sep 2025

- Develop the Pann Sine iOS application, enhance the user interface, and subsequently launch it on TestFlight and App Store Connect.
- Introduce Member Discounts, Coupon Points, and Push Notifications for the Bonchon Myanmar app, refine the Next.js dashboard, and design backend APIs utilizing Hasura.
- Revitalize the UI and UX for both the JOY MY PUPPY and JOY MY PUPPY PARTNER applications, integrate SMS functionality via the MPT SMS gateway, and deploy them on the Google Play Store and App Store.

Frontend Developer . **Smilax Global Co. ltd** Jan 2024 - Sep 2024

- Develop HR web application modules utilizing Next.js, Zustand, TypeScript, React Query, and i18next to ensure robust and scalable solutions.
- Collaborate closely with UI/UX designers, backend developers, and project stakeholders.
- Integrate OpenAI to provide SSHR suggestions and create an SSHR FAQ assistant.
- Build backend services using Nest.js alongside a PostgreSQL database.

FullStack Developer. **Digital Engineering Tech** Dec 2022 - Jan 2024

- Collaborate with embedded and backend developers to develop a real-time fuel management system utilizing MQTT, Raspberry Pi, microcontrollers, React.js, React Native, and Express.js.
- Integrate Siri voice control into a smart home project by leveraging a Homebridge local server hosted on a Raspberry Pi.
- Design front-end web applications for IoT projects using React, TypeScript, Next.js, and various CSS libraries.
- Implement backend services utilizing Node.js, Express.js, Redis, and MongoDB.
- Develop Android applications and manage Point of Sale (POS) applications through React Native.
- Deploy the fuel management system on AWS using EC2 instances.
- Create and maintain a POS printing application for generating vouchers for clients purchasing fuel at service stations.

Skills

Programming Languages

JavaScript (ES2015+), TypeScript, HTML, CSS, Sass, Node.js

Libraries & Frameworks

React, Next.js, Node.js, React Native, Tailwind Css, Material UI, Styled Components, Framer Motion, Anime.js

Tools & Platforms

Git, GitHub, Netlify, Vercel, Algolia, Firebase, Docker, Webpack, Figma, AWS, Hasura, MongoDB, PostgreSQL

Selected Projects

Bonchon Myanmar App

Successfully delivered a project for a fast-food client in Myanmar, which included the implementation of coupon and loyalty points features, push notifications, and a management dashboard with a user interface for both Android and iOS platforms.

LocaBoo

I hosted a Japanese project on AWS with a three-tier CI/CD setup, managing frontend and DevOps using Load Balancer, ASG, RDS, SNS, and S3. I also integrated an OpenAI-powered chatbot with prompt engineering.

Fuel Management System

Built a fuel management system for 20+ stations with real-time IoT data tracking and a cloud-based dashboard for remote control.

Education

Computer University Pakokku

Interests

Swimming, reading, sketching, and watching adventure or historical movies (e.g., Game of Thrones, Chief of War).