

Hein Zaw Oo (Lian)

Highly adaptive full-stack web developer with a passion for learning new skills.

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WORK EXPERIENCE

Freelance Full Stack Developer (2014 - Present)

For these projects, I was in charge of the whole project – making all technical decisions, coding, testing, deployment, and providing support.

Loyalty Points App for a cafe

Built a PWA app which can be updated on-the-fly for incremental updates. Users can check their card balances, history, and edit their profiles. Admins can add or deduct points or credits by scanning users' QR code.

Technologies used:

- Svelte/SvelteKit
- Firebase (Authentication)

E-Commerce websites on Shopify

URL: <https://shop.houserules.cafe>

URL: <https://ustarmm.com/>

Technologies used:

- Shopify CLI & Liquid (Shopify's template language)

QR code raffles application

Built the web backend, database schema, admin dashboard, and frontend for a raffles program where users can scan a unique, one-time-use QR code to enter the raffles. Wrote a utility script to generate unique QR codes to print, with design from the client.

Technologies used for re-run after success of first campaign:

- DigitalOcean - Database, Web Backend, Hosting.
 - NodeJS on DigitalOcean App Platform
 - DigitalOcean Managed MySQL

Facebook Instant Game for Samsung Myanmar

An Instant Game to promote “10 Years of Galaxy.” Users are able to choose a passion and an influencer. A random combination of a “passion quote” and influencer is displayed, and the user is able to share it on Facebook.

Built the web backend, database schema, API, and frontend.

Technologies used:

- **Google Cloud Platform** - Database, Web Backend. Hosting.
 - Cloud Functions
 - Cloud SQL
 - NodeJS on App Engine
- **Facebook SDK** - Instant Game SDK

Flutter POS with a web backend

A mobile point-of-sales application built in Flutter, with features such as recording sales, checking inventory, etc. for private use by the client’s staff.

Technologies used:

- **Django** - Web Backend and API
- **ReactJS** - Admin Dashboard
- **Flutter** - Android App for Users
- **Linux** - Web Server and Database

Airport VIP services booking system

Assistance booking website and management system for travelers at airports in Thailand and other major airports. The project includes a customer-facing frontend web portal and a backend for admin and staff.

Features included:

- Generate PDF of bookings
- Advanced search forms with export to pdf functionality
- Generate monthly reports

Technologies used:

- **Django** - Web backend and frontend
- **AngularJS** - booking forms
- **PostgreSQL** - database
- **Linux** - hosting server provided by client

Point-of-Sales system for a board game cafe.

A POS system used in the browser with features such as:

- Integrated Table Timers (customers charged per hour)
- CashCard management
- Analytics

Technologies used:

- Django - Web Backend (run locally)
- ReactJS - Frontend

Web Developer @ UNO Co., Ltd (1/2020 - 11/2020) [Remote]

Responsibilities:

- Write backend code in C# for Umbraco CMS
- Develop Shopify theme according to design

Lead Full Stack Developer @ Zonetic Co., Ltd (2015 - 2017)

Founded a web development company and worked on several projects as the lead developer.

MVP of a stock photos website (Team of 4)

Responsibilities:

- Design of database and ORM
- Photo manipulation: watermarking, thumbnail generation
- Search functionality
- Admin backend to manage users, photos, etc.

MVP of a real-estate listings website (Team of 3)

Responsibilities:

- Design of Database and ORM
- Customizable list of “features” associated with properties
- Search form and results page

Web Programmer @ Softverk (Thailand) Co., Ltd (2010 - 2014)

Joined after a successful internship

Responsibilities (in a team of 4 programmers) :

- Build custom modules, components, and plugins for Joomla
- Build the frontend UI with jQuery, HTML, and CSS
- Added new layouts for document generation (C#, ASP.NET)

URLs: <https://remax.is> , <https://inni.s> , <http://eign.is>

Intern @ Softverk (Thailand) Co., Ltd (2009 - 2010)

Gained hands-on experience in:

- Web development (Joomla, PHP)
- Windows Application Development (WPF, C#, WinForms)

SKILLS

Backend

- Django, Python
- Joomla, PHP
- NodeJS
- SvelteKit
- Google Cloud Platform
- Nginx, Apache
- Linux

Frontend

- Svelte
- Tailwind
- jQuery
- Bootstrap
- SASS
- Javascript
- HTML, CSS

Misc

- Flutter / Dart
- Git
- SQL
- RESTful APIs

EDUCATION

BSCS – Assumption University, Bangkok, Thailand (2006 - 2010)

Bachelor of Science in Computer Science, *summa cum laude*.

LANGUAGES

English - fluent

Burmese - fluent

Thai - intermediate