

Zaw Linn Naing

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Myanmar

Experience

Software Engineer

Expa.ai

Jan 2020 - Aug 2021

Technologies: HTML/CSS, Javascript(Node.js, React.js), Python(Tensorflow), MongoDB, PostgreSQL, Redis, S3, GraphQL, Event-driven Architecture, Docker, Kubernetes, Git.

Social commerce platform (expa.shopgenie.co):

- Revamped and extended the backend system to enable more value-adding features that allow merchant users to manage products, orders, shipping, inventories, and storefronts.
- Implemented Event-Driven Architecture so multiple users of a business can review changes to their storefronts while they collaborate.
- Co-designed and developed webviews that integrate with merchants' Facebook accounts for shop visitors to browse and purchase products, review carts and track order statuses, inside Facebook Messenger.
- Designed and built analytics feature that enables merchants to review key metrics – product views, product clicks, product impressions, and cart-to-buy rate.
- Authored internal technical documentation regarding various services included in the platform.

Unified Solution for Sales, Marketing, and Customer Support (expa.ai):

- Coded an AI-driven feature that delivers automated responses, on behalf of businesses, to customers' queries, and enables businesses to improve AI models iteratively using real-world conversations over time.
- Engineered the AI management server which allows businesses to deploy their own models instantly on the dashboard, and automatically scales those models depending on the usage.
- Architected robust AI models training and prediction under the automatic scaling nature of the Kubernetes cluster environment by writing Python scripts that integrate with the AI management server.

Web developer

Mounts Digital

May 2019 - Nov 2019

Technologies: HTML/CSS(Bootstrap), PHP(Laravel), Javascript(JQuery), MySQL, Redis, REST API, Firebase.

- Built a location tracking feature for a delivery web app by utilizing Google Map's API and Firebase that is used by admins to track delivery men within the selected region in real-time.
- Co-designed and co-developed the ERP system's inventory management feature that allows users to add, group, categorise, and label items according to business requirements.

Intern

Nexlabs

Dec 2018 - Feb 2019

Technologies: HTML/CSS, PHP(Laravel), Javascript(Vue.js, Nuxt.js), MySQL, Redis, REST API, Docker.

- Reviewed code to learn about software architecture and coding style from senior developers and helped fix bugs.
- Developed a simple blogging web app using knowledge learned, which allows users to post blogs and follow other users.

Projects

Creating new "art" works by combining two deep learning models - *University Thesis*

Technologies: Python(Tensorflow), Deep learning, and Machine learning

- Combined two deep learning models, namely Creative Adversarial Network (CAN) and Neural Style Transfer Learning (NSTL), to create artworks. See [here](#) for more info.

Myanmar wiki crawler - [source code](#)

Technologies: Python, REST API

- Wrote a program that crawls Burmese Wikipedia using API until specified storage size reaches or no more pages to crawl.

University's library website - [source code](#)

Technologies: HTML/CSS(Bulma), PHP(Laravel), MySQL, Javascript.

- Built a web app for students to browse and reserve books for rent and for librarians to manage books, rentals, and reservations.

Education

Mandalay, Myanmar

Mandalay Technological University

2013-2020

Degree: Bachelor of Computer Engineering and Information Technology.

Skills

(Proficient): Javascript, PHP, HTML/CSS, MongoDB. (Familiar): Python, Git, Docker, Kubernetes, SQL. (Languages): English(Proficient), Chinese(Proficient), Burmese(Native).