Okkar Aung

Quick Learner, Team Player, Problem Solver, Web Developer

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EXPERIENCE

ShopDoora — Junior Frontend Web Developer (*JavaScript / TypeScript*)
February 2024 – April 2024

- Work closely with backend, UIUX and cross-functional teams to design, build, test, develop and deploy web applications.

NORMAN MYANMAR Co., Ltd – Order Processor

June 2022 – February 2023

Youth Society for Education (YSE) — Content Writer
October 2018 - June 2019

- Manage Facebook page as an admin and publish monthly articles to gain followers.
- Create contents for events and awarding ceremonies.

AIESEC in YTU — Incoming Global Volunteering (iGV)
July 2018 - January 2019

- Hosting global volunteers and providing assistance in their environmental projects.
- Networking and external public relations

YTU Public Speaking Club — *Cofounder and Organizer*
July 2018 - June 2019

- Conduct weekly public speaking activities and events.

EDUCATION

Yangon Technological University — *Bachelor of Engineering*
Dec 2017 - Present

No (1) BEHS Thingangyun— *High School Graduate*
2012 - 2017

- Distinctions in 5 subjects out of 6
- Passed High School Graduation exam with over 500 marks.

LANGUAGES

- ❖ **English** (Advanced)
- ❖ **TOEIC Test Scores (955/990)**
- ❖ **Duolingo (135/160)**
- ❖ **Korean** (Basics)

Volunteering

- Volunteered at YSEALI YOUnified Event at Yesagyo in 2018
- Volunteered at YTU Mini-Rolympics Competition

PROJECTS

Participated in YTU Project
Shows 2.0 and 3.0

Quadrant Spider-bot
a fully functional robot in the shape of spider built to balance itself on four legs.

Sky-High Car Parking
Smart car parking with multiple layers connected by an elevating system to carry vehicles to desired floor.

SKILLS

- Communication
- Critical Thinking
- Problem Solving
- Conflict Resolution
- Teamwork and Collaboration

Conferences and Programs

- ➢ ASEAN XChange in Focus & Launch of the impact, Mobilizers – Yangon
- ➢ Sustainability in Myanmar: Zero Carbon Footprint by Carlsberg Myanmar
- ➢ Summer Outreach Workshop: The Nerve to Serve and Design Thinking Workshop by MYEO
- ➢ Yetagun Youth Development Program Season 3
- ➢ YSEALI YOUnified in Yesagyo 2018

Okkar Aung

FULL-STACK WEB DEVELOPER

okkaaung2508@gmail.com **|** +959782111982 | [GitHub](#) **|** [LinkedIn](#) **|** [Portfolio](#)

SUMMARY

Detailed-oriented full-stack web developer with a strong commitment to learning and a solid foundation in creating responsive and user-friendly websites. Proficient in JavaScript, TypeScript, Python, ReactJS, Redux Toolkit, Prisma, NextJS, Flask and API development. Proven ability to work collaboratively in team environments, coupled with excellent problem-solving skills and a keen eye for design. Eager to contribute technical skills - error-handling, debugging and creativity to a dynamic development team. Accomplished real-world projects and possesses a strong understanding of software development principles.

SKILLS

- **Frontend**   HTML, CSS, Bootstrap**,** SASS, SCSS, Tailwind, Material UI, Styled Components, ReactJS, Redux Toolkit, Zustand, React Query, ShadcnUI, NextJS, GraphQL, Framer Motion, Jest
- **Backend**   NodeJS, ExpressJS, Flask, Django, SQL, MYSQL, SQLite, SQLAlchemy, PostgreSQL, MongoDB, Mongoose, Firebase, Prisma, Drizzle, JWT, RESTful API, Docker
- **Tools**   Git, GitHub, Vercel, Netlify, NPM, YARN, PNPM, Chrome Dev Tools
- **Languages**   JavaScript, TypeScript, Python

EDUCATION

Udemy Courses

Full-Stack Web Development   **February 2023 – January 2024**

- Learned full-stack development from scratch, algorithms, and data-structures through 1200+ hours of dedicated learning while developing web apps with React, Flask, Django, Next, Prisma and PostgreSQL.
- Basic understanding of GitHub actions, Git-flow while building real-world projects such as E-commerce, Food Order App, Weather App, Movie Website, Spotify Clone, Code Pen Replica and Pizza API.

Yangon Technological University

Electronics Engineering   **December 2018 – March 2020**

- Studied analog and digital electronics, semiconductors, microcontrollers, and IoT.
- Built a Spider-Robot balancing itself on four legs, remoted control to movement in all directions and the ability to deploy on slippery surfaces.
- Developed an IoT application for a smart parking project where users can see available parking spots in real-time and make reservations and payments.

PROFESSIONAL EXPERIENCE

Junior Frontend Developer (ShopDoora)   February 2024 – April 2024

- Develop and maintain user interfaces for web applications using ReactJS and NextJS.
- Collaborate with designers, backend developers and quality assurance teams to implement UI/UX designs and features.
- Write reusable, modular and efficient React components.
- Integrate frontend components with backend services and APIs.
- Implement state management solutions using libraries like Redux and Context API.
- Ensure the responsiveness of performance of applications across various devices and browsers.
- Write clean, well-documented and maintainable code following coding standards and best practices.
- Conduct code reviews and provide constructive feedback to peers.
- Stay updated on the latest Frontend tools and technologies such as ReactJS and NextJS and best practices to continuously improve development process.
- Troubleshoot and debug issues as they arise, providing timely resolutions.
- Work closely with project managers and stakeholders to understand project requirements and timelines.
- Assist in the design and implementation of application architecture and technical solutions.

Handled Projects

❖ **Connect App** (Buyer and Seller App)

Yoga video subscription app with free and premium features that tracks the daily activities of user according to the schedule. The app shows instructors list, users' modules, push notifications, articles, feedback, criteria-list, levels and challenges and so on. Data from Buyer app will be shown in Seller App with the use of API to maneuver all the functionalities.

❖ **The Market / Flawless Thadar** (Ecommerce Apps)

Ecommerce app where all the groceries can be browsed and purchased such as meat of various kind, vegetables, fruits, fishes, dairy products, etc. Various products according to desired category can be searched and promotion products section, latest products section, reward products section and buy-one-get-one sections are inserted. Loyal member points system, favorite item storing, add-to-cart, check-out, user login and signup functionalities are also included.

Python Language Tutor (Freelance)   September 2024 – Current

- Currently tutoring a Master student majoring in medical informatics at a university in Chicago, Illinois.
- Develop and structure Python programming courses based on learners' levels (beginner, intermediate, advanced).
- Create lesson plans, programming exercises and visualize how the code runs behind the scenes with the help of visual debugger like Python tutor platforms.
- Deliver interactive and engaging sessions, both theoretical and practical.
- Demonstrate key Python concepts, such as data structures, OOP, modules, and libraries.
- Utilize real-world examples to teach applications like web development, data analysis, and automation.
- Introduce learners to relevant industry practices and tools.
- Adjust curriculum and learning curve based on the student's major.
- Maintain an inclusive and collaborative learning environment.
- Guide learners in using Python tools and libraries like Flask, Django, Numpy, Pandas, Matplotlib, Seaborn, Excel, SQL, Power BI and Tableau.
- Create quizzes, assignments, and projects to evaluate students' progress.
- Assist students in troubleshooting coding issues and debugging Python scripts.
- Ensure all students understand concepts and provide extra help if needed.
- Maintain records of learners' performance and progress.

HIGHLIGHTED PERSONAL PROJECTS

Mini E-commerce

Developed an e-commerce website where users can get access to the application after logging in with the sign-up account. Desired products can be searched in the search bar with the specific keywords. Purchasing products and adding them to inventory where tax calculation and total cost are displayed. When an order is placed, data are stored in database according to the respective categories (Order, Orderline, Products, etc). If order placement contains an error, order cancelling can be done.

- Tech Stack: TypeScript, NextJS, NextAuth, PostgreSQL, Prisma, Redux Toolkit, Material UI
- Live Demo: https://e-commerce-fullstack-deployment-okkar25.vercel.app/
- GitHub: https://github.com/Okkar25/E-commerce-Fullstack-Mini-App

Food Order App

Two separate apps (Back-office management – admin dashboard for admins) and (Order app for users). User signing-in, logging-in functionality and image uploading are included. In the back-office management app, admin can oversee or handle the requested order and change stages (order accept, cancelled, cooking, set out for delivery, etc). In order app, users can choose the desired restaurant branches locations in different townships. Users can choose addons, toppings, main dishes, side dishes, menu categories and table numbers. CRUD operation and QR code generation are included along with Intuitive interface and efficient state management.

- Tech Stack: TypeScript, NextJS, NextAuth, PostgreSQL, Prisma, Redux Toolkit, Material UI
- Live Demo: **On Going Development**
- GitHub: https://github.com/Okkar25/Food-Order-App

Music Streaming App (Spotify Clone)

A replica of Spotify music streaming app with features and functionalities similar to the real Spotify application. Features include selecting playlists, playing full audio tracks from albums, control playback (next, previous, play, pause, etc.), volume adjustments and skipping the song to the desired duration. User interface is built with eye-catching visual designs and Spotify Web API is used to control the real Spotify web application in the background.

- Tech Stack: JavaScript, ReactJS, Styled Components, Axios
- Live Demo: https://spotify-clone-okkar-aung.vercel.app/
- GitHub: https://github.com/Okkar25/Spotify-Clone-Music-Streaming-App

Code Pen Clone

A simulation of Code Pen in which software developers test out their code for code reviewing. The panel includes three layouts for HTML, CSS and JavaScript and the panel for the output of code from the three panels.

- Tech Stack: JavaScript, ReactJS, Vanilla CSS, Code Mirror
- Live Demo: https://code-pen-clone-okkar-aung.netlify.app/
- GitHub: https://github.com/Okkar25/Code-Pen-Clone

Movie Sync

An intuitive platform that allows users to discover and explore a vast collection of movies and TV shows. Powered by the TMDb (The Movie Database) API, the site provides detailed information, including movie overviews, cast details, release dates, genres, and user ratings.

- Tech Stack: JavaScript, ReactJS, TailwindCSS, Flowbite, React Router, Swiper, TMDb API
- Live Demo: **On Going Development**
- GitHub: https://github.com/Okkar25/Movie-Sync