

HEIN WAI YAN HTET

S O F T W A R E E N G I N N E R



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PROFILE

Experienced Developer with three years in web design and backend development. Well-versed in enterprise-level projects, I bring a proven track record of delivering scalable solutions on time. Eager to contribute skills to dynamic projects.

EXPERIENCE

BACKEND DEVELOPER

Mahar Mobile Application

2022 - Present

Integrated AWS services, including Cognito and S3, to enhance user authentication and data storage capabilities.

Designed and implemented microservice APIs using .NET, Entity Framework, dapper, gRPC, LINQ, Blazor, OData, refit, store-procedure with both code-first or database-first approach.

Utilized Docker for efficient deployment, ensuring scalability and maintainability.

Implemented Sentry for robust error handling, minimizing downtime and enhancing user experience.

Led the development of a transcoding dashboard using Next.js, .NET, JWT, Prisma authentication, and FFmpeg.

Engineered a real-time notification system using AWS SNS, enhancing communication channels within the application.

Customized a web player with pure JavaScript and .NET MVC, contributing to an improved multimedia experience.

Developed a QR login API for Android TV, providing a convenient and secure login method.

Developed and maintained a dynamic React, Redux, TypeScript, Prisma, node.js dashboard.

Conducted research on payment integration methods, staying abreast of industry trends and technologies.

SELF-TAUGHT WEB DEVELOPER

2021 - 2022

1. Developed a Laravel-based web app

Ensured secure User Authentication using Firebase, conducted Article CRUD with a Rich Text Editor, and implemented efficient article organization with category and tagging. Enabled article filtering and search, integrated Yajra for DataTable functionality, added a threaded commenting system, and user profiles. Integrated Laravel Scout for full-text search and pagination, managed image uploads, and implemented responsive design. Implemented security measures, activity logging, and integrated Google Analytics for user behavior tracking.

2.Vue Quizz App (Web-Based)

Built an interactive Quiz Application using Vue.js and Vuex for frontend, and Node.js (Express) with MongoDB for the backend. Features dynamic quiz generation, real-time scoring, and user authentication.

Tech Stack

- Vue.js, Vuex (Frontend)
- Node.js, Express, MongoDB (Backend)

Outcome

Showcased Vue.js proficiency, responsive design, and backend integration.

Lessons Learned

Enhanced skills in real-time data handling, user authentication, and responsive UI design.

3.Task Management System

The suggested project is a Task Management System that uses a variety of technologies to create a feature-rich web application. It incorporates Firebase Realtime Database and Authentication for user management and task data storage. The project includes functionalities such as user registration, login, and the ability to create, edit, and delete tasks. Real-time updates ensure that changes made by one user are instantly reflected for others.

Key features and technologies include:

- User Authentication with Firebase
- Task Management with CRUD operations
- Real-time updates using Firebase Realtime Database
- Asynchronous HTTP requests with Axios
- Local storage for offline access
- Styling with Sass and a choice between Bootstrap or Tailwind CSS
- Frontend development with React and Next.js
- Backend logic with PHP and json-server for a simple REST API

Additional enhancements include sorting and filtering options, user roles, a task dashboard, calendar view, and task deadline notifications. This project provides hands-on experience with a diverse tech stack, making it a comprehensive learning opportunity for full-stack web development.

4.To-Do List (Tall Stack):

- Implemented a To-Do List application using the Tall stack (Tailwind CSS, Alpine.js, Laravel, Livewire).
- Showcased proficiency in a full-stack development environment.

TECHNICAL SKILLS

Programming Languages - JavaScript , C# , PHP

Programming Paradigms - OOP, functional programming (intermediate)

Frameworks - Node.js, Nest.js, React.js, Laravel, ASP.NET

Libraries - jQuery, entity framework , dapper , Livewire

AWS - Lambda , ECS, S3 , SNS, SQS

Software Engineering - BDD , Agile Methodology , Version Control (Git)

Api Development - OData , RESTful APIs , GraphQL

RELEVANT COURSES

KodeKloud

mms one stop it solutions

Turning Advanced Software engineering

CERTIFICATES

Information Technology Passport Examination

software engineering course (coursera)

ORGANIZATION

Dedicated part-time instructor with Lat Twae Education, specializing in teaching code.org and Scratch to students under Proven ability to develop engaging lesson plans and provide effective, individualized instruction. Also, Committed volunteer with a passion for education, contributing to it with valuable skills and enthusiasm.

LANGUAGE

- English (upper intermediate)
- Burmese (native)