

Alex Yeh

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WORK EXPERIENCE

FULL STACK DEVELOPER | IMERSIVE

Taipei | Jul 2024 –

- Engineered data aggregation systems to streamline product information collection, enhancing data accuracy and retrieval efficiency.
- Developed RESTful back-end services with PostgreSQL, deployed on Google Cloud infrastructure for high availability.
- Delivered cross-platform mobile applications using Flutter, reducing development time through reusable codebase.

FRONTEND DEVELOPER | ACCUENERGY

Toronto, ON | Aug 2021 – Jun 2022

- Designed and implemented an interactive web interface of a power meter using Vue3. Supported role-based access (admin/view-only) for users.
- Designed and built real-time configuration tools for power meters, reducing user setup time and improving monitoring efficiency.
- Transformed raw API data into interactive dashboards (graphs/tables), enhancing data comprehension and decision-making for end-users.
- Maintained and modernized legacy interfaces (Vue2, React) to align with updated design systems and API integrations, ensuring consistency and improved performance.

PROJECTS

CHAT APP

REACT / EXPRESS / MONGODB / SOCKET.IO

- Full-stack real-time chat application using React, Express.js, and MongoDB
- Real-time message synchronization implemented with Socket.IO
- RESTful API endpoints for user authentication and message management
- Secure authentication with JWT tokens and protected routes, hashed password
- Utilized Zustand for state management across the application

QUIZ APP

NEXT.JS / SUPABASE / AUTH.JS

- Full-stack multiple choice quiz app, implemented with server-side rendering and API routes using Next.js.
- Role-based access and protected routes with OAuth authentication.
- data synchronization with denounced saves and batch processing.

SKILLS

Frontend: Vue3/2, React, Angular,
HTML/CSS, Tailwind

Backend: Node.js, Express, REST APIs,
Python

Mobile: Flutter

Databases: PostgreSQL, MongoDB,
Google Cloud SQL

Tools: Git, Docker, Figma,
Google Cloud

EDUCATION

University of Toronto

HONOURS BACHELOR OF SCIENCE