

Minh Le

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EXPERIENCE

- **VCAL TV** Westminster, CA
IT Associate Oct 2022 - May 2023
 - **Software Development:** Designed and developed an internal full stack app that help with inventory management. Built front-end using **React** and **Javascript**. Built back-end using **Node.Js** and **Express.Js**. Saved over **50 hours** in labor and an efficiency increase of **200%** in preparation and processing time during a one month trial run period. Implemented and integrated live streaming video feature on company website.
 - **Database Management:** Setup a database system for over 300 products to be sold on website, live TV shows using **PostgreSQL** and MS Excel.
 - **IT Management:** Managed and oversaw IT infrastructure for web, TV and radio live-streaming shows. Assisted with production related tasks.

PROJECTS

- **Project Munch** — *A responsive full stack web app for discovering unknown street food spots.*
Stack: React, Typescript, Tailwind CSS, ASP.NET Core, C#, EF Core, PostgreSQL, Redis
 - Designed and developed using **TDD** practices. Implemented **Unit Tests** and **Integration Tests**.
 - Integrated Mapbox third-party API for visualization.
 - Implemented user authentication and authorization with **ASP.NET Identity** and **JWT**.
- **Ploop** — *A dynamic and interactive social art platform*
Stack: Node.Js, React, Typescript, PostgreSQL, Redux, GraphQL, RabbitMQ, Docker
 - Designed and developed a full-stack social media app that allows users to create drawings on a **HTML** canvas and transform them into time-lapse videos.
 - Integrated **Redux RTK Query** for state management, API calls.
 - Implemented a **Micro-services Architecture** that communicates through **RabbitMQ** with **GraphQL** for efficient data aggregation and real-time communication.
 - Integrated Cloudflare cloud storage for storing blob data type.
- **Chexx** — *An online multiplayer Chess variant game*
Stack: .NET Core, React, C#, Typescript, SignalR, Redis, PostgreSQL, EF Core
 - Designed and developed an online multiplayer Gliński's hexagonal chess game.
 - Integrated **SingaIR** for real time communication.
- **OGP App** — *A live games and scores mobile app.*
Stack: React Native, Expo, Typescript
 - Designed and developed a **React Native** front-end for a basketball games and tournaments app for a local gym.

EDUCATION

- **University of California, Berkeley** — *Berkeley, CA*
Physics 2021 – 2022
- **Orange Coast College** — *Costa Mesa, CA*
Physics 2018 – 2021

PROGRAMMING SKILLS

- **Languages:** Javascript/Typescript, C#, Python, SQL, NoSQL
- **Technologies/Frameworks:** Node.Js, Express.Js, React, ASP.NET Core, Blazor WASM, Redux RTK Query, Redis, GraphQL, EF Core, SignalR, RabbitMQ, Docker, REST API, Git
- **Databases:** PostgreSQL, Cloudflare, AWS S3, MongoDB