

Enkhtaivan Bayasgalan

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[github](#) | [linkedin](#)

Technologies and Architectures

Front End: HTML, CSS, Javascript, Typescript, React, Nextjs, Babel, Webpack, Bootstrap, Apollo, JQuery, Tailwind, Sass, React Native

Back End: MySQL, Postgres, MongoDB, Nginx, Docker, AWS, Nodejs, Express, Restful API, GraphQL

Testing and Deployment: Jest, Enzyme, RTL, Mocha, Chai, New Relic, Netlify, Vercel, Circle-CI, Jenkins

Experience

Front End Engineer: Dentsu marketing agency March 2021 - April 2023

- Built mid to large scale websites in agile methodologies.
- Provided estimates and collaborated with a cross-functional team to deliver high-quality outcomes.
- Implemented tests and responsive design.
- Optimized websites for accessibility and performance.

Code Coach: The Coder School January 2020 - August 2020

- Mentored students to follow best practices of programming.
- Created interactive games and animations.
- Provided constructive feedback and progress report.

Software Engineering Applications

Easy Market: *Full stack ecommerce web app.* (Nextjs, Typescript, Sass, Nodejs, Prisma, Postgres, S3, Next-Auth, Stripe) [github](#)

- Utilized new features of Nextjs such as app-router, server/client components, and server actions.
- Integrated 3rd party APIs for authentication and payment processes.
- Implemented Postgres database and Prisma ORM for data management.
- Deployed and monitored the app using Vercel.

Archon Design: *Real-estate page that displays reviews of a property* (React, AWS, Docker) [github](#)

- Created reusable components with React and styled-components
- Implemented modals, animations, and responsive design
- Wrote tests with Jest and Enzyme
- Built RESTful APIs integrated with NoSQL database
- Containerized the service using Docker

Ephemeris: *Backend service optimized for heavy network traffic* (Node, Express, AWS, EC2, Postgresql, Nginx, New Relic, k6, Loader.io) [github](#)

- Constructed service oriented architecture with over 10 million data
- Integrated k6 and Loader.io to simulate network traffic around 1,000 requests per second
- Benchmarked traffic results with New Relic to determine bottlenecks
- Deployed services on AWS EC2 to horizontally scale and utilize microservices

Education

Hack Reactor San Francisco, CA

Software Engineering Immersive Program 2021