

ANDRE NGUYEN

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EXPERIENCE

Frontend – Full Stack Software Engineer // HEAL Security

May 2023 – Current

Technologies Used: **React, TypeScript, Node, Express, GraphQL, Docker, PostgreSQL**

- Constructed user-centric UI features for multiple platforms and collaborated with UX/UI designers to present each application intuitively and contextually for users
- Developed microservices that provided a tailored experience for each of the UI applications allowing management of user identities, authentication, and authorization controls for team management
- Integrated third party payment Stripe, to our application allowing customers to pay for additional workspace management features

Frontend Software Engineer // NGINX – F5 Networks

May 2019 – May 2023

Technologies Used: **React, Vue, TypeScript**

- Developed UI features for the API Management, Developer Portal, and Security modules allowing customers to manage and secure their APIs while also providing a branded interactive developer documentation site
- Led the development of a core UI library utilized company-wide increasing the efficiency for engineers when developing forms while maintaining a cohesive UX experience across multiple teams and products
- Collaborated with designers to craft UI components for the framework agnostic design library allowing product groups to utilize different frontend frameworks of their choice across the company
- Mentored new developers to quickly ramp up to understand the code base while providing guidance on best practices

Software Engineer Intern // Genemod

Jan – April 2019

Technologies Used: **React**

- Developed a tailored library for the web application dashboard, mirroring the interface of a biomedical lab freezer, allowing researchers to keep sync with their current inventory
- Converted, redesigned, and optimized features that were written in jQuery to React components to scale the application to leverage new web standards and practices

Software Engineer Intern // F5 Networks

June – Sept 2018

Technologies Used: **React, Node, Go, Docker, AWS**

- Implemented a bot to automate the deployment of UI merge requests to a proxied backend, allowing members to efficiently review changes as they would appear in production
- Integrated unit and integration tests into the web application and UI design system library pipelines to ensure quality and streamline efforts to release code quickly

PROJECTS

Voxel Blox // 3D voxel models rendered with three.js – TypeScript, Next.js, three.js, Blender, Framer Motion

Spotty // A web app for visualizing personalized Spotify data – TypeScript, Next.js, Spotify API, Howler.js

Mito // iOS mobile app allowing anonymous sending of products – Swift, Go, Node, Redis, RabbitMQ, SQL

SKILLS

- **Languages:** TypeScript, JavaScript, Swift, Go
- **Technologies:** React, Vue, Next.js, Node/Express, Docker, GraphQL, SQL, MongoDB, PostgreSQL, Git

EDUCATION

University of Washington
Bachelor of Science in Informatics

Seattle, WA
Sept 2015 – Mar 2019