# ANDRE NGUYEN

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## EXPERIENCE

### Frontend – Full Stack Software Engineer // HEAL Security
May 2023 – Current
- Technologies Used: **React, TypeScript, Node, Express, GraphQL, PostgreSQL (Prisma)**
- Constructing user-centric UI features for an AI-driven healthcare cybersecurity platform
- Developing and owning microservices within a backend-for-frontend architecture, notably the users/workspace service

### Frontend Software Engineer // NGINX - F5 Networks
May 2019 – May 2023
- Technologies Used: **React, Vue, TypeScript**
- Contributed to NGINX UI development, focusing on modules for API Management, Developer Portal, and Security
- Crafted diverse UI elements—data visualizations, editors, dynamic themes —enhancing micro frontend app functionality
- Spearheaded the creation and deployment of the primary form library utilized across the product team
- Collaborated with designers to craft UI components for the framework agnostic design library

### 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
- Converted, redesigned, and optimized features that were written in jQuery to React components
- Collaborated with the UX designer and the tech lead to architect, mockup, and code out wireframe designs

### Software Engineer Intern // F5 Networks
June – Sept 2018
- Technologies Used: **React, Node, Go, Docker, AWS**
- Implemented webhooks for automated UI merge request deployment, enhancing member review efficiency
- Integrated unit and integration tests into the web application and UI design system library pipelines

## PROJECTS

### Voxel Blox // 3D voxel models rendered with three.js
- TypeScript, Next.js, React Three Fiber, Chakra UI, MagicaVoxel, Blender, Framer Motion

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

### Mito // iOS mobile app, lets users purchase and send products without exchanging physical addresses
- Swift, SQL Server, Redis, Node, Go, RabbitMQ

## SKILLS

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

## EDUCATION

### University of Washington
Seattle, WA
**Bachelor of Science in Informatics**
Sept 2015 - Mar 2019