

WORK EXPERIENCE

Full-Stack Developer **NAPA Global, Da Nang, Vietnam** **Dec 2020 – Jul 2021**

- Developed frontend using **React.js**, performant backend using **Node.js, MySQL, Redis** (served 1000 req/s). Deployed using **AWS CodePipeline**, frontend served via **AWS Cloudfront** and backend on **EC2**. Integrated **AWS S3, Cognito**
- Configured **Terraform, Kubernetes** for deployment/service planning (AWS), implemented/unit tested some features (with **Django**), automated jobs with **GitHub Actions** and Batch Job Queue (triggered via **AWS Cloudwatch**)
- Attended weekly online meetings to confirm objectives, daily meetings for planning (SCRUM model), track issues on Jira

SKILLS

Specialized in Full-Stack Development, Application Deployment, and DevOps.

- **Programming Languages:** JavaScript, TypeScript, Go, GraphQL, HTML/CSS, SQL
- **Databases:** MongoDB, Redis, PostgreSQL, MySQL, SQLite
- **Frameworks/Libraries:** React.js, Next.js, React Native, Node.js
- **Tools:** Docker, Kubernetes, Terraform
- **Integrations:** GitHub Action, Circle CI, Amazon Web Services, Google Cloud Platform
- **Leadership:** Front End technical lead, attend meetings with customers
- **Languages:** English (Professional working proficiency, 110 TOEFL iBT®), Vietnamese (Native)
- **Interests:** open-source, teaching, chess, biking, traveling, piano

FEATURED PROJECTS

hoangvvo.com/projects

BookStop

2021

Community Project

bookstop.app

An OSS platform to exchange books (using a “credit” system), share reviews, and build book libraries

- Designed frontend using **React.js** and **Next.js**, fully type-safe with **TypeScript** and GraphQL codegen
- Developed backend using **Go**, with **GraphQL** API. Integrated with Google Book API
- Used **PostgreSQL** as database, **Redis** for caching and authentication
- Deployed using **Docker Compose**, with **Traefik** as the reverse proxy

Auralous

2020

Music Listening experience

auralous.com

An application that lets you play & listen to music in sync with friend using YouTube, Spotify, and Apple Music

- Designed frontend using **React Native Web (React.js)**, cross-platform mobile app using React Native
- Developed backend using **Node.js**, with a **GraphQL** API. Integrated with YouTube, Spotify, and Apple Music APIs
- Used **MongoDB** as database, **Redis** for caching and authentication
- Deployed using **Docker Compose**, with **HAProxy** as the reverse proxy

EDUCATION

Bach Khoa University Ho Chi Minh, Viet Nam.

Oct 2021

Computer Science Major