

Quang Hoang

Software Engineer

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About me

After I make things work, I try to perfect them. I constantly challenge myself to find the most simple and elegant solutions to any tasks at hand. Insights and knowledge excite me, and I enjoy learning from people.

- 2 years of experience in React, Express and GraphQL with VC funded codebases.
- Published 2 npm packages used in production code.

Languages:

JavaScript, TypeScript, Python

Frameworks / Libraries:

React, Express, GraphQL, Django

Services:

AWS EC2 / Lambda / S3 / RDS

Work Experience

Full Stack Engineer

Shaire GmbH – 05.2022 – present

Rewrote and shipped a React web application used by Kunstmuseum St. Gallen and Kirchner Museum Davos for displaying artwork information to visitors, connecting to picture recognition and text-to-speech backend endpoints. Created and own an admin web application with React frontend and Flask backend to manage all documents and client data consumed by the mentioned museum web applications. Architect code structure and develop product features.

Valuecase GmbH – 05.2022 – 06.2022

Rewrote and shipped a complete user authentication journey in React.
Shipped an AWS Lambda using AWS CDK for generating, signing, and validating JWT tokens.

Recyda GmbH – 11.2020 – 05.2022 – Working student

Created, shipped, and maintained core internal tools used company-wide by researchers, management, and co-founders to manage business data and client accounts. Owned core client features that contribute to the business advantages of the company. Some highlights:

- Created a set of reusable custom React frontend elements that are used extensively across the entire application using Material UI and emotion.sh.
- Created and owned a project dashboard feature with flexible data column manipulation with drag and drop motions, flexible definition of data type, filtering, sorting, and tagging projects with custom criteria defined by users.
- Created and owned a snippet dashboard feature to manage data in rich text and multiple formats; Created a custom text editor using Slate.js and the first version control feature.
- Rewrote and extendedly improved the existing user creation and authentication flow, back- and front-end, that involves complex read/write requests between ArangoDB database and Firebase.

Founder

Stealth startup – 05.2020 – 10.2020 – Full-time

- Created a document editing and sharing tool using Vue.js and Django, running on AWS server with automatic deployment. Highlight features including:
 - Block-based text editing.
 - Translator text block – real-time text translation using a self-written Django API connected to DeepL Business API.
 - PDF-to-text and Image-to-text converter using trained Tesseract OCR models.

Co-Founder

budge-app.com – 03.2020 – 03.2021 – Full-time

Single-handedly created, shipped, and maintained a mobile web application used by Deutsche Bank and DWS internally across various departments. Supported by Deutsche Bank, Bain & Company, and Handelsblatt. As co-founder, architected product features and development process. Worked with a market-leading corporate client who keeps high demands and product quality bar. Used Django, jQuery, and CSS for prototyping, React and Express for production. Worked with a test team and stakeholders to verify implemented work.

Education

- Graduate student in M.Sc. Economics and Institutions – 10.2017 – present
Philipps-Universität Marburg, Marburg, Germany
- Bachelor of Art in Public Policy – 10.2011 – 05.2015
Academy of Policy and Development, Vietnam

Hobbies

Read source code of open-source projects, read fictions and non-fictions, read about (code) architecture, learn new (programming) languages.