

HIEN NGUYEN

Software Engineer

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[Github](#) | [AngelList](#) | [LinkedIn](#)

Software Engineering professional with nearly ten years of experience in education and customer service. After transitioning to the US, I made the decision to shift into the more creative and challenging space of tech. I have spent the past year learning the necessary technologies and skills to be a strong developer and utilize my former experience to work collaboratively, learn quickly, and communicate strongly. Given my abilities, I am now ready and eager to start contributing to an innovative company as a software engineer.

SKILLS

Java, Spring MVC Framework, SpringBoot, JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS

Cat Academy | (JavaScript, HTML, CSS, Canvas API, Webpack, PostgreSQL)

[github repo](#)

Interactive typing game, based on the 4 Degrees of Typer Shark Deluxe game

- Implemented HTML Canvas to dynamically render 2D shapes to create a visually compelling game character.
- Built custom game logic using the Async/Await pattern and Promises that manage the current state of play and give updates on current user scores.
- Generated random words using the “random-words” package, kept tracking players’ scores to render more words, and leveled up the game.

Homi | (React, Redux, Ruby on Rails, Javascript, PostgreSQL, HTML, CSS, Webpack, Amazon S3, Heroku) [github repo](#)

Homi, an Esty.com clone, is an online e-commercial platform where independent artists and crafters can sell their goods.

- Designed a search feature that pulls results from the PostgreSQL database allowing users to filter by keyword.
- Incorporated Amazon S3’s data storage infrastructure to upload and retrieve files, benefiting from its data scalability and capacity, resulting in improved page-load performance.
- Utilized Bcrypt to hash and salt passwords, strengthening the protection of user data with secure authentication.

Petworld (React, Redux, Java, Spring Boot, JavaScript, MySQL, HTML, CSS3, Heroku)

[github repo](#)

Petworld, a pet-service app for pet-lovers to find healthcare and daycare services and shopping for pet related products.

- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner, while switching between both frontend and backend.
- Leveraged Spring Security, MySQL/ClearDB, and React modal components for user authentication.
- Utilized Spring Boot to design and develop RESTful APIs, enhance functionality, scalability and flexibility.

EXPERIENCE

Software Engineer Apprenticeship | App Academy

Aug 2022 - Aug 2023

Server team lead | N2M LLC

Nov 2018 - Dec 2020

Customer Service Representative | Suzuki Sai Gon Ngoi Sao JSC

Nov 2013 - June 2016

EDUCATION

AppAcademy - Highly selective web development program with a 3% acceptance rate

Aug 2021 - Nov 2021

Ho Chi Minh City University of Technology and Education - BS Education

Sep 2009 - Jan 2014