

# HIEN NGUYEN

## Software Engineer

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

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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.

**Around the block** (React, Redux, JavaScript, MongoDB, Express.js, Node.js, HTML, CSS3, Heroku)

[github repo](#)

Around the block, a social-media app for seniors to find companies for their daily activities by joining and creating events.

- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner, while switching between both frontend and backend.
- Leveraged JSON Web Token, MongoDB/Express, and React modal components for user authentication.
- Implemented Voice-to-text API to facilitate users a more convenient experience navigating the app.

## EXPERIENCE

Software Engineer Apprenticeship | App Academy

Aug 2022 - Present

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

