

Don Anh Nguyen

Software Developer and Author

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Skills:

Python, Javascript, Typescript, React.js, Ruby, Ruby on Rails, MVC, Redux, SQL, HTML, CSS, Node.js, MongoDB, Express.js, Git, AWS, RESTful APIs, Web Development, Front End, Full Stack, NoSQL, Relational Databases

Experience:

Gibber Chat

Software Engineer Intern

07/2023 to 11/2023

- Spearheaded the design and implementation of sub-conversations within chat rooms across web and mobile platforms, resulting in a refined user experience and expansion of the user base.
- Developed group chat functionality for Android mobile application utilizing React UI, React Native, MongoDB NoSQL database, and RESTful API, contributing to increased engagement and retention metrics.
- Took charge of front-end and back-end development by optimizing database models, enhancing UI of chat rooms and messages, and revamping API controllers to improve system performance.
- Utilized external Google Auth0 API and JWT authentication for simplified log-in experience.
- Collaborated with developers through Git version control, merging pull requests and resolving merge conflicts.
- Worked in an Agile environment, partnering with the project manager on feature ideas and system improvements with tasks assigned in Trello.

Personal Projects

Full Stack Software Developer

01/2018 to 11/2023

- [Photo Sharing Application](#): Designed and developed full stack photo sharing application utilizing MongoDB database, with base64 image encoding/uploading, notifications tab, and user search bar.
- [Budget and Expense Manager](#): Developed budget and expense manager with Ruby on Rails RESTful API with full CRUD operations, MVC architecture, PostgreSQL database, and D3.js for pie chart data visualization.
- [Hotel Booking Application](#): Developed hotel booking application utilizing React UI, MongoDB, and Node.js with dynamic search filter page and hotel rating system.
- [E-Commerce Store](#): Built shopping application with Ruby on Rails authentication, PostgreSQL database, React, Redux, and Webpack, implementing features such as item inventory, marketplace search, filter, and sort, and add-to-cart checkout.
- [BlackJack JS](#): Developed a fully functional Blackjack game written in vanilla Javascript, HTML, and CSS.

Education:

Western Governors University

2024

Bachelor of Science, Computer Software Engineering

Data Structures & Algorithms, Computer Science Fundamentals, AWS Cloud Foundations

AWS Certified Cloud Practitioner

2024

University of California, Santa Barbara

2015

Bachelor of Arts