Tony Hoang

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Technical Skills & Courses

Frontend: JavaScript, React, HTML/CSS, Redux, Tailwind, Next.js

Backend: Java, Kafka, Springboot, Node.js, PostgreSQL, SQL, Express.js, Rest API, Python

Additional Skills: Visual Studio Code, Git, Github, npm, Netlify, Render, Postman, Stripe, Trello, Excel

Coursework: Web Development, Frontend Frame-Work, Backend Development, Data Structures & Algorithms

Relevant Work Experience

theCoderSchool | *Coding Instructor* | Farmington, CT   Sep 2024 – Feb 2025
Skills: JavaScript, Java, Python

● Tutored 15 students in Java, JavaScript, and Python by guiding them through hands-on projects, such as recreating *Pong*, developing a Pokémon-inspired game, and building a weather app

CVS | *Digital Engineering Intern* | Boston, MA   May 2024 – Aug 2024
Skills: Java, Springboot, Kafka

● Collaborated with senior engineers to successfully migrate the codebase from Java 17 to Java 21, enhancing application performance and leveraging new language features
● Designed and implemented Kafka topics and developed a Kafka publisher application, ensuring seamless data migration from Oracle to Google Spanner
● Integrated Java API with Splunk to track key performance metrics including latency, call frequency, and error rates

Full Stack Programming Projects

Dragon Adventure | Links: Github   Aug 2024
Skills: Java

Synopsis: A 2D action-adventure video game similar to games such as *The Legend of Zelda: A Link to the Past*

● Developed core gameplay mechanics, including NPC behavior and enemy AI, using vanilla Java
● Implemented interactive objects, allowing for dynamic in-game interactions and progression

Hermes | Links: Frontend Github | Backend Github   Mar 2024
Skills: JavaScript, React, HTML/CSS, PostgreSQL, Node.js, Redux, Express.js, Rest API, Docker

Synopsis: The app replicates the core functionalities of the popular social media platform X (Twitter).

● Designed the frontend for cross-device responsiveness and backend infrastructure for seamless web functionality
● Implemented Nodemailer to enable users to receive instant email notifications for mentions

Kick.It | Links: Frontend Github | Backend Github   Aug 2023
Skills: JavaScript, React, HTML/CSS, PostgreSQL, SQL, Express.js, Node.js, Rest API, Socket.io

Synopsis: The app enables users to create and RSVP for events, while also allowing real-time messaging between users

● Led the backend development team, overseeing the successful implementation of project milestones
● Optimized the database using PostgreSQL and ensuring efficient data storage, retrieval, and management
● Spearheaded the development of key features, including user registration, event creation and hosting, RSVP function, real-time chat capabilities, and friend request system

Work Experience

Whole Foods | *Venue Team Member* | West Hartford, CT   Sep 2023 – May 2024

Charter Oak Law Group | *Legal Assistant* | Bloomfield, CT   Jan 2020 – Mar 2020

Environment America | *Intern* | Hartford, CT   Jun 2019 – Aug 2019

Education

Pursuit | Full-Stack Development Fellowship | New York, NY   May 2022 – Jun 2023

University of Connecticut | Political Science and Communication | Storrs, CT   Sep 2016 – May 2019