

# Tony Hoang

## Software Engineer

[754tonyhoang@gmail.com](mailto:754tonyhoang@gmail.com) | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

### Technical Skills & Courses

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

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

**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

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**theCoderSchool** | *Coding Instructor* | Farmington, CT

Sep 2024 – Feb 2025

Skills: JavaScript, Java, Python

- Tutor 15 students (ages 8-18) in Java, JavaScript, and Python guiding them through hands-on projects, such as recreating *Pong*, developing a Pokemon-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

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**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

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**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

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**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