Jae Hong Jang

jaejang2002@gmail.com · ⓖ · ⓛ · U.S Citizen

Education

Stevens Institute of Technology   Hoboken, NJ
Bachelor of Science in Computer Science (*GPA: 3.47/4.00*)   *August 2020 - May 2024*

Work Experience

Jasmin   Hoboken, NJ
Full-Stack Software Engineer   *September 2023 - May 2024*
- Developed a therapist-matching web application using React.js, Node.js, and JavaScript, reducing load time by 40% through enhanced API calls
- Implemented Firebase and MongoDB for authentication, decreasing login failures by 35% and reducing authentication time by 50%
- Created an AI chatbot to provide quicker therapy advice, increasing user experience
- Utilized the Whereby API to implement a video call feature, increasing user-therapist communications

Code Ninjas Cupertino   Cupertino, CA
Code Tutor   *April 2025 - Current*
- Instructed students across diverse age groups in JavaScript fundamentals, utilizing Microsoft MakeCode Arcade to facilitate interactive and engaging learning experiences.
- Mentored beginners with no prior coding experience to build their games
- Conducted code reviews and debugged student code to ensure functionality, adherence to best practices, and optimization of performance

Academic Projects

Profile Website   San Jose, CA
Front-end Developer   *February 2025 - Current*
- Developed a public portfolio website using React.js and GitHub Pages, showcasing projects and experience in a technical environment
- Enhanced UI with React-Bootstrap, lowering bounce rate by 20% and increasing recruiter engagement by 50%
- Website Link: https://jaejang02.github.io/My-Website/

TRVL, Web Programming II   Hoboken, NJ
Team Member   *January 2023 - May 2023*
- Built MERN stack website that helps users plan itineraries for their upcoming vacations.
- Implemented Redis-cli caching, decreasing database queries by 60% and improving website speed.
- Integrated the Yelp API, reducing redundant API calls by 30% and enhancing search efficiency.

Word-Boss, Agile Methods for Software Development   Hoboken, NJ
Team Member   *October 2022 - December 2022*
- Cultivated a vocabulary-learning app using MongoDB, Express.js, Handlebars.js, and Node.js
- Improved UI/UX with Tailwind CSS and custom CSS styling, increasing user attention by 25%
- Optimized authentication with Bcrypt.js, reducing the risk of account information leaks by 40%.

Technical Skills

Coding Languages & Frameworks
Python, JavaScript, React, CSS, HTML, Java, C++, MongoDB, Material UI, Postman, Express, Node.js,

Tools & Technologies
Firebase, Postman, Git, Redis, Bcrypt.js, GitHub Actions

Software Development Skills/Concepts
Agile, Scrum, OOP, Full Stack Development, Front-End Web Development, Software Development, Back-End Web Development, API Design, Full-Stack Development, GitHub Actions