

JONATHAN GIANG

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SUMMARY

Results-driven Software Engineer with 4 years of experience developing scalable, high-performance web applications. Expertise in building full-stack applications with a strong background in React, TypeScript, Java, and SQL. Passionate about delivering customer-centric solutions with an organized and detail-oriented development philosophy.

EDUCATION

San Diego State University | Bachelor of Science in Computer Science

May 2021

EXPERIENCE

Vikco

San Diego, CA

Software Engineer Lead

Dec 2023 - Feb 2025

- Led the continuous development of a proprietary value-selling SaaS platform designed to illustrate and quantify company value to prospective customers and partners, utilizing Java, Spring Boot, PostgreSQL, Angular, TypeScript, and SCSS
- Managed a development team of 5 engineers by directing application structure, designing user interfaces, implementing code standards, overseeing pull requests, and coordinating weekly sprints, leveraging tools such as JIRA and Confluence
- Collaborated with cross-functional teams to gather requirements, develop functional specifications, and deliver high-quality software solutions in a timely manner

Software Engineer II

Jun 2021 - Dec 2023

- Helped initiate the migration from a legacy Struts and JSP application stack to a modernized Spring Boot and Angular stack, streamlining the development workflow and allowing for more dynamic application capabilities
- Utilized Hibernate as an ORM tool to help simplify database interactions and allow for data manipulation with an object-oriented programming approach
- Constructed test scripts leveraging JUnit and Selenium automation tools to test and debug newly implemented features and ensure proper website functionality across varying browsers
- Introduced and implemented a CI/CD pipeline utilizing Bitbucket and Docker to automate build, test, and deployment processes, reducing deployment time and increasing release frequency

TicketManager

Calabasas, CA

Frontend Web Developer Intern

Mar 2021 - Jun 2021

- Contributed to the design, development, and maintenance of a ticket-managing software suite that included websites, dynamic forms, emails, and mobile applications
 - Optimized MySQL database schemas and queries to streamline data fetching and data mutation processes, enhancing query performance and improving data integrity
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PROJECTS

Fetch a Friend | Next.js, React, TypeScript, CSS, Tailwind

Jan 2025 - Feb 2025

- Built a search web application designed to help users search for, sort and filter through, and match with shelter dogs
- Utilized Fetch Dog API to retrieve a list of dogs and their respective attributes and properties from a dog shelter database
- Developed as a Next.js and React application, styled using Tailwind, and deployed with Vercel

Checked | Vue, TypeScript, CSS, Tailwind, Material Web

Aug 2023 - Nov 2023

- Built a utility web application aimed at helping groups split checks easily and accurately
 - Designed to perform all necessary computations and logic handling through a guided wizard interface
 - Developed as a Vue single-page application, styled using Tailwind and Material Web, and deployed with Vercel
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SKILLS

- Languages:** HTML, JavaScript, TypeScript, CSS, SCSS, Java, Python, C++
- Frameworks:** Next.js, React, Vue, Angular, Node.js, jQuery, Tailwind, Bootstrap, Spring Boot, Django, Selenium
- Databases:** PostgreSQL, MySQL, MS SQL Server, MongoDB
- Tools:** Git, GitHub, Bitbucket, JIRA, Confluence, Docker, Vercel, Postman, Figma