

JONATHAN GIANG

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EDUCATION

San Diego State University

2016 - 2021

Bachelor of Science in Computer Science

EXPERIENCE

Vikco Insurance Services

San Diego, CA

Software Engineer II

Mar 2022 - Present

- Overhauled a partner company's existing system by engineering a newly optimized Angular system from the ground up, reducing site loading times by 50%
- Led the Angular development team of 5 engineers by directing application structure, designing user interfaces, implementing code standards, and overseeing pull requests
- Coordinated with product managers to plan projects, track ongoing assignment progress, evaluate team performance, and organize development sprints
- Streamlined the endorsement generation process by programming the processes into a functional user interface, cutting down the endorsement workload by 75%
- Built custom REST APIs that served data driven from 100+ daily users between a Java back-end system and an Angular front-end user interface

Software Engineer I

Jun 2021 - Mar 2022

- Upgraded the admin management system by integrating new features that automated repetitive and routine tasks, leading to a 50% improvement in daily workflow efficiency
 - Developed batch scripts to automate daily reporting, accounting, and file system processes, as well as test scripts to consolidate feature testing and code debugging into unified procedures
 - Refactored legacy JSP files to implement newer JSTL syntax and formatting, constructed Java utility classes to simplify and strengthen backend code, and performed API upgrades per API documentation
 - Optimized SQL data management by revising inefficient scripts in addition to writing new ones, resulting in 25% faster data retrieval
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PROJECTS

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

Aug 2023 - Nov 2023

- Built a utility application aimed at helping groups split checks accurately and hassle-free, featuring a guided wizard interface with interactive controls and neatly displayed results
- Designed to ease the process of splitting checks by performing all necessary computations and logic handling, requiring users only enter check data
- Developed as a Vue single-page application, styled using Tailwind and Material Web components, and deployed with Vercel at checked-jagged.vercel.app

CashX | Spring Boot, Java, PostgreSQL, Angular, TypeScript, Sass, Bootstrap

In Progress

- Devised a financial tool designed to help users track their earnings, spendings, and budgets with an intuitive and modern user interface
 - Initiated to offer users a platform to manage their transactions and budgets with full flexibility, featuring easy-to-use controls, informative visuals, and filterable results
 - Planned as a Spring Boot Java web application that will utilize PostgreSQL for data management, Angular for the front end, Bootstrap for styling, and Heroku for deployment
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SKILLS

- **Languages:** HTML, JavaScript, TypeScript, CSS, Sass, Java, Python, C++, C#
- **Frameworks:** React, Angular, Vue, Node.js, jQuery, Bootstrap, Tailwind, Spring Boot, Struts 2, Flask
- **Databases:** MySQL, PostgreSQL, SQL Server
- **Tools:** Git, GitHub, Bitbucket, JIRA, Vercel, Heroku, Postman, Figma