

# JONATHAN GIANG

Full-stack software engineer with 2+ years of work experience. Seeking pivot from full-stack software development to focus on front-end software development.

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## Experience

### Full-Stack Software Engineer

Vikco Insurance Services

Jun 2021 - 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
- 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
- Streamlined the endorsement generation process by programming the processes into a functional user interface, cutting down the endorsement workload by 75%
- Upgraded the admin management system by integrating new features that automated repetitive and routine tasks, leading to a 50% improvement in daily workflow efficiency
- Optimized SQL data management by revising existing scripts and writing new ones, resulting in 25% faster data retrieval

**Skills:** Struts 2, Java, MySQL, JSP, Angular, JavaScript, TypeScript, CSS, Sass, Bootstrap

## Projects

### CashX

Jan 2024

- 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

**Skills:** Spring Boot, Java, PostgreSQL, Angular, TypeScript, Sass, Bootstrap

### checked

checked-jagged.vercel.app

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

**Skills:** Vue, TypeScript, CSS, Tailwind, Material Web

## Education

### Bachelor of Science in Computer Science

San Diego State University

2016 - 2021

#### Relevant Courses

Systems Programming, Data Structures, Algorithms, Database Theory

## Skills

### Programming Languages

HTML, JavaScript, TypeScript, CSS, Sass, Java, Python, C++

### Frameworks & Libraries

Angular, Vue, jQuery, Bootstrap, Tailwind, Spring Boot, Struts 2

### Databases

MySQL, PostgreSQL, SQL Server

### Tools

Git, GitHub, Bitbucket, Vercel, Heroku, Powershell, Unix, Postman, Lunacy

### Relevant

Adobe Photoshop, Adobe Illustrator