J O N A T H A N   G I A N G

(858) 275-4615 | jgiang.430@gmail.com | linkedin.com/in/jonathan-giang | github.com/jagged-dev | jonathangiang.com

EDUCATION

San Diego State University   May 2021

Bachelor of Science in Computer Science, *magna cum laude*   GPA: 3.74

EXPERIENCE

Ecosystems   Remote, US

Lead Software Engineer   Dec 2023 - Present

Software Engineer II   Nov 2022 - Dec 2023

- Led the continuous development of a proprietary value-selling SaaS platform designed to illustrate and quantify company value to prospective customers and partners, utilizing Spring, Java, 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 Bitbucket and JIRA
- Collaborated with cross-functional teams to gather requirements, develop functional specifications, and deliver high-quality software solutions in a timely manner
- Spearheaded the initiative to migrate to an Angular-based front-end framework infrastructure, improving site responsiveness by 50% and allowing for greater UI/UX possibilities
- 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 Docker and Bitbucket to automate testing and deployment processes, reducing deployment time by 50% and increasing release frequency by 40%

TicketManager   Calabasas, CA

Frontend Web Developer   Jun 2021 - Nov 2022

- Designed, developed, and maintained multiple web-based applications as part of a ticket-managing software suite that included websites, dynamic forms, emails, and mobile applications, using PHP, Node.js, HTML, JavaScript, and CSS
- Developed robust and scalable RESTful APIs to enhance existing PHP/Node.js-based systems, improving data integration and functionality across multiple platforms
- Designed and optimized MySQL schemas and queries, leveraging join and normalization techniques to streamline data retrieval processes, enhancing query performance and data integrity as well as reducing query execution time by 30%
- Utilized Docker for containerization and AWS for cloud-based deployment, using various AWS services to ensure high application scalability and reliability

Vikco Insurance Services   San Diego, CA

Software Engineer Intern   Mar 2021 - Jun 2021

- Streamlined the endorsement generation process by programming the processes into a functional user interface, cutting down the endorsement workload by 70%
- Upgraded the admin management system by implementing new features that automated repetitive and routine tasks, leading to a 60% improvement in daily workflow efficiency

PROJECTS

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

SKILLS

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