

Steven J. Chang – Senior Software Engineer

stevenjchang@gmail.com | linkedin.com/in/stevenjchang | github.com/stevenjchang

Work Experience

Tank Design (tankdesign.com) – Senior *Frontend Engineer*

09.2021 - 08.2025

[React, NextJS, AWS, Postgres, GraphQL, Node, Wordpress, Strapi CMS]

- **Dashboards & charts** - built interactive analytics dashboards, aggregating live data from third-party APIs and optimizing performance through caching and data processing.
- **Design system** - developed a comprehensive design system website for a Fortune 100 client, driving clarity, consistency, and adoption across multiple engineering teams.
- **Accessibility** - led accessibility initiatives: implemented full keyboard navigation, skip links, and semantic HTML to ensure WCAG compliance.
- **Custom tools** - created custom solutions to our internal QA and testing strategies, impacting cross team efficiency by more than 50%.

Razor Sharp Consulting (razorsharpconsulting) – *Software Engineer (contractor)*

02.2021 - 09.2021

[React, React Native, Redux, AWS Amplify, GraphQL, DynamoDb]

- **AWS** - Re-architected a medical invoicing platform to scale from generating a single PDF invoice to 1,000+ PDF invoices, while overcoming AWS Lambda memory constraints.
- **State management** - Implemented a scalable component architecture with centralized state, reduced unnecessary renders and improved perceived performance across complex data views.
- **Collaboration** - Coordinated with product and backend to define requirements, sequence releases, and de-risk launches

Skupos (skupos.com) – *Frontend Engineer, Marketing Technologies*

09.2019 - 05.2020

[React, Redux, Gatsby, NextJS, GraphQL, Contentful CMS]

- **Mobile responsive and backwards compatible** - launched mobile-responsive landing pages and marketing emails, ensuring compatibility with IE11, Outlook, and gmail.
- **Faster and better SEO** - Led website redesign, including SEO and accessibility overhaul: improved UI, page speed, and live content preview, resulting in stronger search performance.
- **Testing and error monitoring** - Added extensive end-to-end testing, error logging, and form submission error handler to improve site reliability.

Nima Labs (nimasensor.com) – *Software Engineer, Growth Marketing*

07.2018 - 01.2019

[React, Redux, DynamoDB, AWS Serverless, Segment.io]

- **API design** - Architected a rewards system engine, leveraging DynamoDB streams for real-time points updates.
- **Ad-Tech integration** - Integrated marketing and analytics tools (Segment.io, Google Analytics, Facebook Pixel, Iterable, Criteo, AdRoll, Talkable) for unified marketing insights.
- **Debugging and troubleshooting** - Tackled challenging issues emerging from using multiple tracking tools, for example solving cross subdomain tracking issues between Segment and Google.

Education

Hack Reactor | Advanced Software Engineering Immersive Program (2017)

San Jose State University | Career Counseling, Department of Education (2014)

Skills

HTML, CSS, JavaScript, TypeScript, React, GraphQL, NextJS, Gatsby, Vue, Node, AWS, Ruby on Rails, SQL, Postgres, DynamoDb, Git, Github