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EXPERIENCE

- **Squarespace** New York, NY
Senior Software Engineer II *June 2023 – Present*
 - **Google Domains Acquisition:** Led the integration of 10 million Google domains, ensuring feature parity for advanced domain configurations such as custom nameservers and DNSSEC.
 - **SEO Tools:** Partnered with OpenAI and used GPT-3.5 Turbo to design an LLM-powered content generation microservice for SEO-focused single page apps.
 - **Domain Search Optimization:** Decreased domain search latency by 60% by rewriting ranking algorithms and simplifying legacy codepaths with Redux Toolkit.
- Senior Software Engineer* *December 2020 - June 2023*
 - **Universal Checkout:** Increased trial-to-paid plan mix of Squarespace website subscriptions by 10% through delivering a modernized and unified checkout experience across every product (+\$2mil annual revenue in the first year).
 - **Frontsite Component Library:** Leveraged atomic design principles to set best practices for component hierarchies and effective cascading styles.
 - **Mobile Conversion:** Architected and implemented a mobile-specific onboarding flow which increased landing-to-trial by 21% and landing-to-subscription by 27%.
 - **Typescript:** Established developer guidelines for Typescript adoption and documentation standards.
- Software Engineer* *August 2018 - December 2020*
 - **Runtime Registration Forms:** Launched support for region-specific domain registrations such as .ca and .com.au by developing a flexible and responsive model for runtime generation of TLD-specific forms.
 - **Asynchronous Transfers:** Integrated asynchrony into the domain transfer flow to unblock customer action trapping and increase overall domain transfer success rates from 76% to 98%.
- **Clear Capital** Roseville, CA
Frontend Engineer *June 2017 – April 2018*
 - **Core Platform Rewrite:** Rebuilt the ClearCollateral platform using React JS alongside Redux, Node, and Express from its original PHP implementation.
 - **Documentation:** Directed and documented styling structure for app-wide UI/UX coherence among all 5 engineers in the company.
 - **Jest Testing:** Expanded test coverage by 36% between existing and newly-added components.
- **Calix Inc.** Petaluma, CA
Software Engineering Intern *Summer 2016*
 - **Meteor.js:** Implemented Meteor.js clustering for load balancing alongside nginx to increase Compass resilience and scalability.
 - **Docker Migration:** Initiated a migration of critical web services to Docker to simplify deployment and upgrade processes on a cloud-based infrastructure.
 - **Elasticsearch optimization:** Boosted Elasticsearch performance by a factor of 5 through fine-tuning ngram analysis.

SKILLS

- **Languages:** : Typescript/Javascript, LESS/CSS, HTML, Java
- **Technologies:** : React, OpenAI, Next.js, Framer Motion, Node.js, Git, Spring Boot, GCP, Kubernetes
- **Design Tooling:** : Figma, Rive, Illustrator, Photoshop, Kapwing

EDUCATION

- **University of California, Davis** Davis, CA
B.S. in Computer Science, Minor in Design, GPA: 3.66 *September 2014 – March 2018*