Erik Lopez

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> *Experienced Software Engineer with a record of delivering successful projects in fast-paced, startup environments seeks an engineering leadership or IC role*

Experience

Senior Front End Software Engineer, *Zillow*   Apr 2023 – Present

Senior Front End Engineer within a dedicated team focused on optimizing the customer experience through our high-impact contact forms. Collaborating seamlessly with backend services, contributes to the creation of a streamlined and intuitive UI, harnessing the power of the company's robust design system. A significant early achievement involved successfully integrating advanced analytics capabilities into the forms.

Lead Front End Software Engineer, *Bond Vet*   Jun 2022 – Jan 2023

Successfully managed a team of Front End Engineers in the redesign of Bond Vet's website. Pioneered the creation of a new design system and updated Bond Vet's appointment booking application, resulting in a substantial increase in conversions. Affected by layoffs in January 2023.

Lead Front End Software Engineer, *Milo*   Feb 2022 – Mar 2022

Directed a team in the front end development of Milo's comprehensive SaaS product, an encompassing veterinary practice management solution powered by React, Typescript, NextJS, and Redux. Orchestrated effective bug backlog clearance to enhance system stability. Regrettably, the company ceased operations shortly after significant progress was made under my leadership.

Senior Front End Engineer, *Tuft & Needle*   Sep 2016 – Feb 2022

As the second Front End Engineer hired onto the Front End team in fast-paced early-startup environment, played a pivotal role in the creation of a high-performing website that generated millions in monthly revenue. Created T&N's inaugural design system, driving a unified visual identity and enhanced user experience across tuftandneedle.com, serta.com, and beautyrest.com. Collaborated seamlessly with design counterparts to execute impactful A/B tests, resulting in notable gains in conversion rates and substantial revenue growth.

Principal Technical Architect, Water Delivery, *Salt River Project*   Mar 2016 – Sep 2016

Guided a team of twelve adept Full Stack Engineers in the complete overhaul of an important urban water irrigation application. Within a brief six-month timeframe, this comprehensive transformation empowered customers with an intuitive interface to schedule and remit payments for water irrigation services, enhancing the user experience.

Senior Full Stack Engineer, Human Resources, *Salt River Project*   Oct 2009 – Mar 2016

As a proficient Full Stack Engineer with expertise in .NET, Angular, and SQL Server, delivered transformative enhancements to modernize and streamline internal operations. While conceptualizing and developing new web applications for employee recognition award processing and overtime equity calculations, I achieved heightened precision and efficacy across HR initiatives. Notably, I also assumed the role of a visual designer for these projects, infusing a engaging aesthetic into all tools to enrich the user experience.

Full Stack Engineer, Public & Communication Services, *Salt River Project*   Oct 2006 – Oct 2009

As the sole engineer on the P&CS team, performed end-to-end development on SRP's flagship website, playing a lead role in the site's redesign through a collaborative, cross-functional initiative. As part of the redesign, was instrumental in creating SRP's first design system utilizing Bootstrap to ensure a consistent user experience. One highlight was the creation of SRP's first web-based interactive Annual Report, an achievement that received industry recognition.

Education

Master's of Science, Information Management
W.P. Carey School of Business, Arizona State University

Bachelor's of Science, Computer Information Systems
W.P. Carey School of Business, Arizona State University

Languages and Technologies

JavaScript, Typescript, React, Redux, GraphQL, CSS, SASS, NodeJS, Figma, Jest, Cypress.