



Scott Finkel

San Diego, California 858-869-5785 scott@finkels.net

Profile

Software Engineer with a focus on front-end web applications. Former design lead for business-critical applications at Qualcomm. Over twenty years of experience building scalable applications for the web.

Experience

OPEN SOURCE SOFTWARE COMPLIANCE • QUALCOMM TECHNOLOGIES, INC.

Senior Staff Software Applications Engineer, 2016–2023

Product design lead for a suite of tools created to facilitate Open Source usage for all Qualcomm-distributed Open Source software. Cross-functional process considerations included licensing/legal parameters, engineering requirements, and compliance concerns.

Principal responsibilities:

- Project Lead for CodeLinaro, a platform partnership between Qualcomm and Linaro for the distribution of Open Source code and artifacts related to Qualcomm software releases. Managed a team of engineers and analysts for operations and release management purposes. *Python, JSON-API, Operations*
- Product Owner for Codescan, a web application created to review the results of code-scanning activities for the purpose of identifying and resolving licensing, copyright, and other legal concerns related to the applied usage of Open Source in Qualcomm-authored software. *Javascript, vdom/Mercury.js, CSS, JSON-API*
- Designed and implemented features and processes for Software Product Registry (SPR), a system of record for declarative Open Source software composition. *Node.js, React, Typescript, Redux, Sass/CSS, JSON-API*
- Contributed to team- and organizational-level strategic vision and roadmap planning alongside program management, stakeholders, and senior leadership. Drove technical conversations in design reviews, project reviews, and project meetings to increase effectiveness of software functionality in meeting stakeholder and user needs.

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- Produced intra-company, end-user, and operational communications across disciplines, in collaboration with a wide array of stakeholders; created documentation, process diagrams, UI/UX prototypes, video training, and public presentations. *Balsamiq, Axure RP, Photoshop, Illustrator, Visio*
- Mentored junior engineers to increase efficiencies and contributions across the software development lifecycle.

IT ENTERPRISE ARCHITECTURE SOLUTIONS • QUALCOMM, INC.

Senior Staff IT Engineer, 2009–2016

Product design lead for mobile and desktop web applications servicing IT needs across the company, including mobile application store, enterprise social, company directory, and various mobile initiatives.

Principal responsibilities:

- Designed and implemented a wide variety of web application interfaces, including mobile applications showcasing integrations with various enterprise systems such as finance, human resources, timecards, and more. *Javascript, Node, Meteor, Sass, CSS*
- UI/UX Architect, frequently consulted by engineering teams for ongoing process and experience improvements in business-critical applications. Designed wireframes, mockups, and interactive prototypes for a diverse range of enterprise application use cases. Created web design systems for Twitter Bootstrap and Sharepoint leveraging the corporate marketing brand toolkit. *Balsamiq, Axure RP, Photoshop*
- Product Owner for QWall, a CIO-sponsored touch-screen installation in six locations around the globe that surfaced internal social channels to promote company culture and increase cohesion across the business.

IT ADVANCED TECHNOLOGIES • QUALCOMM, INC.

Senior Programmer/Analyst, 2002–2009

Design Lead for a variety of IT websites and services, including aggregated system monitoring, service request queues, company directory, group management, and more. *Javascript, CSS, Java/Spring, ASP, HTML standards*

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MANAGEMENT & INFORMATION SYSTEMS • QUALCOMM, INC.

Programmer/Analyst, 1997–2002

- Front-End Lead for QDoc and QAdmin, Qualcomm's first secure extranet-based partner document exchange system. QAdmin provided distributed three-tier administration capabilities, enabling business partners to exert comprehensive control over their content. QDoc's customizable UI allowed external entities to provide branding and theme elements to enhance the user experience.

Javascript, CSS, XSLT, PL/SQL, HTML standards

- Designed and produced intranet websites for a widely varied audience of internal departments, including finance, facilities management, desktop field services, international operations, and many others. *Javascript, CSS, HTML standards*

Education

Bachelor's degree • San Diego State University • 1991

Skills

Application design, user interface (UI) design, user experience (UX) design, communications (verbal, visual, written), process design, system integration, release management

Languages

JavaScript, CSS, HTML, some Python

Tools

Typescript, NodeJS, React, Redux, SASS/Stylus, Mercury.js (unidirectional FRP-style JS library built on top of virtual-dom), Meteor.js (isomorphic JS library built on NodeJS), Github, git

Speakerships & Other

- Linux Foundation Open Source Summit | Shifting Compliance to the Left | Lyon, France, 2019
- Qualcomm Open Source Summit | Principal Design Chair | 2017–2023
- The Presentation Layer | Principal Organizer | 2014 (Qualcomm-internal event by employees, for employees)