**Scott Finkel**

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**SOFTWARE ENGINEER**

**COMPLIANCE | WEB APPLICATIONS | ENTERPRISE ARCHITECTURE SOLUTIONS**

Software Engineer with a focus on front-end web applications. Former design lead for business-critical applications, with strong experience building scalable applications for the web.

**CORE COMPETENCIES**

Application Design & Development | Creative Problem Solving | Usability | Front-End Development

User Experience Design (UXD) | Strategic Planning | System Architecture | User Interface (UI) Design

Communications (verbal | visual | written) | Process Design | Cross-function Collaboration | UI/UX Prototyping

**PROFESSIONAL EXPERIENCE**

**Qualcomm Technologies, Inc. | San Diego, California 2016 - 2023**

**Open Source Software Compliance, Senior Staff Software Applications Engineer**

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.

* Designated 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 during and beyond the successful transition to this new system and process, where we added automation, enhanced security, and other key features to enable external business partners to download and build software products.
* Served as Product Owner for Codescan, a web application created to identify and resolve licensing, copyright, and other legal concerns related to the applied usage of Open Source in Qualcomm-authored software. Continuously improved processes and user interfaces to reduce workloads and review timing for analysts, engineers, and legal customers. Employed user-centered research and prototyping to illustrate design concepts and user flows prior to feature implementation to ensure optimal alignment with stakeholder requests and user needs.
* Designed and implemented features and processes for Software Product Registry (SPR), a system-of-record for declarative Open-Source software composition. Shifting Qualcomm engineering to a declarative model enabled reuse of legal analysis and comments, reducing manual efforts drastically for every subsequent software release.
* Contributed to team-, product-, 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.
* Produced clear and concise multi-disciplinary communications messaging, including end-user and operational documentation, process diagrams, UI/UX prototypes, video training, and public presentations in support of the CodeLinaro transition, Codescan and Software Product Registry help systems, and general Open Source usage and evangelism.
* Mentored junior engineers via code reviews and paired-programming to increase the quality and quantity of contributions across the software development lifecycle, resulting in shorter delivery timelines and more features per release cycle.

**PROFESSIONAL EXPERIENCE (continued)**

**Qualcomm, Inc. | San Diego, California 2009 - 2016**

**IT Enterprise Architecture Solutions, Senior Staff IT Engineer**

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.

* 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. These applications enabled process automation, custom request management and review, and shortened approval cycles for many common business functions.
* Acted as 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.
* Selected as 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.

**ADDITIONAL RELEVANT EXPERIENCE**

**Qualcomm, Inc. | San Diego, California 1997 - 2009**

* IT Advanced Technologies, Senior Programmer/Analyst
* Management & Information Systems,Programmer/Analyst

**EDUCATION**

**Bachelor’s Degree**

SAN DIEGO STATE UNIVERSITY

**TECHNICAL SKILLS**

**Languages:** JavaScript | CSS | HTML | some Python

**Tools:** Typescript | NodeJS | React | Redux.js | 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

**PRESENTATIONS & CONFERENCES**

* 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)