James A. Levy

+1 (510) 299-7652 | jamsalevy@gmail.com | linkedin.com/in/james-a-levy

Experienced full-stack engineering leader. 10+ years building products in AI, AR/VR, autonomous vehicles, SaaS, mobile.

AI-POWERED SOFTWARE DEVELOPMENT TOOLS   **San Francisco, CA**
                                                             July 2023 -

EXPLO   **San Francisco, CA**
Staff Software Engineer   *Oct 2022–May 2023*

- Led major initiatives including real-time data orchestration system.

                                                             San Francisco, CA
                                                             Oct 2019–July 2022
CRUISE
Senior Software Engineer II

- Led development of consumer-facing features including mobile UX, mapping, payments, and safety and reliability initiatives. Implemented Storybooks and CI tools to ensure efficient QA automation.
- Built multi-tier distributed service infrastructure for real-time dispatch and assignment polling.
- Architected fleet tools system capable of allowing thousands of operators and technicians to simultaneously visualize and manage fleets across numerous regions and an accompanying alerts and incident response system with five-nine availability and adherence to system design best practices.
- Designed and built custom role-based access control system allowing for fine-grained composable authorization standards to control read/write permissions across numerous internal systems.

WELENS   **Palo Alto, CA**
Founder, CEO   *Apr 2016–Aug 2019*

- Led product and engineering management of AR/VR software capable of globally livestreaming VR/AR events and experiences synchronized with microsecond precision.
- Worked closely with partner brands including Fox Media, Anheuser-Busch, NatGeo, WB, Facebook, Nordstrom, Sundance Film Festival, Tribeca Film Fest, New York Film Festival and the WHO.

SURVEYMONKEY   **Palo Alto, CA**
Senior Software Engineer   *Jun 2013-Mar 2016*

- Developed high-scalability payments and billing backend increasing revenue approximately by $1.75M annually.
- Built features including advanced logic and analytics in cross-platform iOS and Android React Native codebase.

NORTHWESTERN UNIVERSITY   **Chicago, IL**
Bachelor's Degree

SKILLS & INTERESTS

- *Languages and Frameworks*: Typescript, Python, React, Svelte, Next.js, Rust, Flutter, Swift, Bash.
- *Other*: GCP, AWS, Azure, Postgres, Redis, Kafka, Docker, Kubernetes, Terraform, PyTorch, Semgrep, CI/CD