

Zak Goldberg

Curiosity-led. Results-driven.
Technical problem solver.

CONTACT	zak-goldberg.dev linkedin.com/in/zak-goldberg	zak.goldberg@gmail.com Berkeley, CA
PROFESSIONAL EXPERIENCE	Software Engineer Feb 2025–Present Salesforce • Deliver reliability-critical backend improvements for a real-time infrastructure-protection platform. • Integrated operational APIs with a partner-facing interface and built payload validation for reliable submissions. • Built a human-agent workflow adopted by 10+ engineers, reducing manual handoffs before review. Engineering Manager Dec 2021–May 2024 Amazon Web Services • Managed and grew a 12-engineer team building backend services for a globally used internal platform. • Set technical and product direction, roadmaps, operational practices, and growth plans. • Hired, coached, and developed engineers; grew the team from 4 to 12 engineers in 12 months.	
ENGINEERING PRACTICE	Technical foundations Java · backend and distributed systems · REST APIs · persistence · concurrency observability · incident response AI-Enabled Delivery I embed AI in problem framing, design, implementation, and verification. I build reusable skills and agents with shared context, autonomy boundaries, and quality gates so engineers and coding agents can contribute reliably together. Orchestration workflow for parallel library and application development I built a workflow that encodes Git conventions, local dependency overrides, builds, integrated test suites, and automated review. Engineers can hand agents a clear spec and let them carry a change through integrated verification with fewer manual handoffs.	

Zak Goldberg

zak-goldberg.dev

zak.goldberg@gmail.com

Curiosity-led. Results-driven.
Technical problem solver.

EXPERIENCE, CONTINUED

Senior Technical Program Manager | Jul 2020–Dec 2021

Amazon Web Services

- Led cross-functional software programs from requirements and design through testing, security review, and delivery.
- Delivered an asset-visibility program spanning 250K+ assets, two new services, third-party integrations, and three internal-service integrations.
- Led development of a workforce-registration platform piloted at two sites and later scaled across AWS data centers.

Technical Program Manager | Mar 2018–Jul 2020

Amazon Web Services

- Led development of internal coordination software that became a global source of truth for data-center build and testing.
- Created a product-management intake program and improved an ordering process, reducing support tickets by 80%.
- Evaluated and recommended third-party software across requirements, vendor, security, legal, and financial analysis.

Earlier Experience | 2014 – 2018

Amazon Web Services & Amazon Retail

- *Program Manager, Capacity Planning*: planned supply and provided demand guidance for roughly half of server landings across AWS's global network; built SQL and spreadsheet tools to make demand variability and cluster health legible to leaders.
- *Program Manager, Strategic Vendor Services*: partnered with vendors on forecasting, financial analysis, supply-chain management, marketing campaigns, and product launches.

EDUCATION

BS, Civil & Environmental Engineering; BA, Economics

University of Virginia · December 2013