

Igor Samulenko

San Jose, CA | 408-669-7467 | igor.samulenko@gmail.com
igorsamulenko.com | LinkedIn: [/in/igorsamulenko](#)

Professional Summary

Staff Software Engineer with 15+ years of experience building large-scale frontend systems at Intuit, Amazon, and Google. Led frontend architecture and teams that delivered **12x faster search experiences** and **20% faster workflows** for thousands of daily users while maintaining 99.9% uptime at massive scale.

Skills & Expertise

Frontend · React · TypeScript · JavaScript ES6+ · Redux · React Native · Styled Components · HTML5/CSS3 · Performance Optimization

APIs & Data · GraphQL · REST APIs · AWS · Databricks · Google Vertex AI · Kafka · SQL · Node.js

Tools & Testing · Git · Jest · Cypress · Storybook · Figma · Chrome DevTools · JIRA · VS Code · Cursor AI · Claude Code

Leadership & Practices · Team Mentoring · Technical Specifications · CI/CD · Agile/Scrum · SOLID Principles · Large-Scale Systems

Experience

Staff Software Engineer

Intuit – Mountain View, CA

Oct 2019 – Mar 2026

- Led 6-person team architecting DDE platform interfaces; launched Data Map Search 2.0, boosting search performance 12x and precision 10% for 5k+ data workers.
- Designed component-based frontend architecture for DDE's Query Insights, reducing data analysis time by 20% for cross-functional teams.
- Optimized frontend performance through profiling and benchmarking, achieving 99.9% uptime for data platform processing 1M+ daily requests.
- Collaborated with UX designers (via Figma) and backend engineers to define clean APIs and module boundaries, ensuring maintainable and testable code with 85% test coverage.
- Mentored 3 engineers on best practices for frontend development and CI/CD, enabling 2 daily releases to support operational excellence.

Software Development Engineer II

Amazon Lab126 – Sunnyvale, CA

Sep 2018 – Oct 2019

- Owned end-to-end development of "Your Locations" feature for Alexa mobile app using React Native/TypeScript/Redux, delivering responsive cross-platform experiences for 10M+ users.
- Collaborated with product managers to clarify requirements and translate UX into component-based designs; optimized UI performance (15% faster setup) via profiling and testing (Jest/React Testing Library).

Software Engineer (Contract)

Google – Mountain View, CA

Dec 2017 – Sep 2018

- Developed liability projection module for supply chain using JavaScript/ES6/AngularJS, improving data accuracy 10% for 100+ users through maintainable Material Design components.

Lead Software Engineer (Contract)

BMC Software – Santa Clara, CA

May 2015 – Nov 2017

- Led frontend architecture for enterprise PaaS, delivering metadata-driven cross-platform interfaces for 50+ clients using AngularJS/Sass.

Earlier Roles

GlobalLogic, Luxoft, NIX Solutions – Ukraine

2008 – 2015

- Led teams building scalable web apps, IT service management tools, and financial dashboards (AngularJS, Java/J2EE, REST); reduced incident resolution up to 50% and supported 1k+ enterprise users.

Education

M.S. & B.S. in Computer Science

National University of Radio Electronics (NURE) – Kharkiv, Ukraine

2007 – 2008

Interests

Audiobooks, Investment Management, Sci-Fi, World Travel, Snowboarding, Hiking, Guitar, Meditation, Self-Development