Nick Karnik

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Engineering leader with 25+ years building scalable platforms at Google, Microsoft, Salesforce, Tableau, and startups. Led Gemini Code Assist from inception to adoption by millions of developers. Developed epidemiological modeling systems featured in Bill Gates' TED Talk and led high-performing engineering teams across Big Tech and high-growth environments. After a brief transition in April 2025, now focused on full-time engineering leadership in AI, platform, and product engineering.

Languages: Typescript, Javascript, Python, C#, Go, C++, Java.

Web: NodeJS, Electron, Express, React, GraphQL, Playwright, VSCode Extensions, Mongo, Docker, ElasticSearch, Neo4J, Postgres, Redis, SQL Server, AWS, Google Cloud.

Other: AI-Assisted Development, Large Language Models (LLM), Developer Tooling, Platform Architecture, Scalable Systems, Full-Stack Engineering, Mobile Development.

EXPERIENCE

Google - Kirkland, WA   **May 2022 – April 2025**
Engineering Manager (Gemini Code Assist)

- Led engineering for Gemini Code Assist, Google's AI coding assistant for VSCode & IntelliJ.

- Drove technical leadership across engineering and product teams to scale AI-assisted development workflows.

- Delivered cross-cutting features to increase LLM completion acceptance rates and overall product adoption.

- Collaborated with model, infrastructure, and UX teams to optimize developer experience and integrate AI capabilities.

Salesforce - Kirkland, WA   **Oct 2019 – Apr 2022**
Senior Engineering Manager (Tableau – Connectivity Platform)

- Built CI pipeline (TACO) enabling 100+ partners to test connectors across Tableau/ Salesforce stack.

- Delivered REST and native Salesforce connectors; owned Web Data Connector platform.

- Led hiring, mentoring, and technical strategy, fostering a high-performing engineering team.

- Created Connector SDK adopted across the Tableau ecosystem.

Streamline Digital, Bellevue, WA   **Nov 2018 – Oct 2019**
Director of Engineering at T-Mobile

- Hired a diverse team of 25 engineers in six weeks; managed four product teams totaling 35+ engineers across T-Mobile Retail Mobility.
- Delivered custom desktop & mobile applications for the T-Mobile / Sprint merger
- Architected and Implemented a portable Test Automation Framework that runs in-app

Fullstack Consulting, Redmond, WA   **Mar 2018 – Nov 2018**
Principal / Founder

- Trained 100+ students in React, Node, GraphQL; created technical content for YouTube and dev.to.
- Consulted on MVPs and scale-up projects with clients including Hims, ForHers, CopBot, and Sensei Ag.
- Built and delivered mobile applications using React Native for early-stage clients.

Treasure Technologies - Los Angeles, CA   **Sep 2017 – Mar 2018**
CTO

- Built a fin-tech analytics product integrating with banks via Plaid and custom APIs.
- Accepted into Nasdaq Entrepreneurial Program; led engineering and technical vision.

Jobbatical - Tallinn, Estonia   **Apr 2017 – Aug 2017**
CTO

- Migrated monolith to microservices; rebuilt CI/CD, monitoring, and deployment pipelines.
- Led platform modernization and org scaling during growth phase.

RoomToday - Jakarta, Indonesia   **May 2014 – Dec 2016**
Co-founder & CTO

- Built a last-minute hotel booking platform; raised $1.6M and led acquisition by Simasindo & Northcliff Ventures.
- Developed mobile apps and a real-time property management system for hotel partners.

IDM (IV Labs, now part of Gates Foundation) - Bellevue, WA   **Sep 2012 – Oct 2016**
Senior Software Engineer

- Built simulation and visualization tools for malaria, HIV, TB, polio, and more.

- Developed software and spatial models featured in Bill Gates' TED Talk "The next outbreak? We're not ready."

- Collaborated with organizations like WHO, ministries of health, NGOs, and universities.

Microsoft - Redmond, WA   **Aug 2006 – Aug 2012**
Software Development Engineer (Bing & Exchange)

- Architected Big Data Validation Framework (Engineering Excellence Award Nominee).

- Built JS memory profiling tools for Outlook Web Access; developed Naive Bayes sentiment classifiers for Bing Shopping.

HONORS & HIGHLIGHTS

- University of Maryland, College Park - B.S., Computer Science

- Patent: Intelligent Intent Detection from Social Network Messages.

- Presented at executive symposiums hosted by Intellectual Ventures and affiliated global health organizations.

- Accepted into Y Combinator (2007).

- Microsoft Engineering Excellence Award Nominee.

- Best Idea Award at Bing Hackday.

- Mentor, blogger, open-source contributor.