

Ibrahim Ulukaya

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HEAD OF ENGINEERING

Accomplished engineering leader with over 15 years of experience driving developer relations, enhancing developer experience, and driving AI platform adoption. Achieved a 25% YoY increase in platform adoption and a 50% increase in developer engagement by scaling AI platforms and fostering thriving developer communities. Expertise in translating developer needs into product innovations, leading cross-functional teams, and delivering exceptional developer experiences through APIs, SDKs, and bespoke LLM solutions.

WORK EXPERIENCE

Google, New York, NY | 01/2022 – Present

Head of Engineering for AI Platforms: Developer Relations and Experience

Led engineering team to achieve a 25% year-over-year increase in AI platform adoption by driving frontier AI initiatives, enhancing developer productivity.

Drove a 50% increase in developer engagement through strategic AI model and API initiatives, expanding AI/ML adoption across global developer ecosystems.

Boosted developer productivity by 40% by spearheading AI-powered tools, SDKs, AI governance, and agentic automation workflows.

Grew AI open-source contributions by 40%, leading innovations in AI agents, Retrieval-Augmented Generation (RAG) and multimodal AI on cloud platforms.

Expanded developer community reach by 35% through technical blogs, YouTube tutorials, and speaking at global AI conferences (e.g., Google I/O, Next).

Improved developer satisfaction (CSAT) scores by 30% by refining KPIs and establishing robust feedback loops with product teams.

Mentored 6+ engineers into senior leadership roles, fostering a developer-centric culture.

Google, New York, NY | 08/2020 – 01/2022

Staff Developer Relations Engineer, Cloud ML

Increased Firebase ML adoption by 35% through AI/ML pipeline optimizations and targeted developer outreach.

Led AI/ML workshops for 100+ enterprise clients, enhancing AI/BigQuery integrations and

driving product adoption.

Drove engagement from 2.5M+ monthly active users via go-to-market strategies for AI tools and platforms.

Boosted developer participation by 30% through strengthened open-source AI collaborations.

Google, New York, NY | 01/2015 – 08/2020

Senior Developer Experience Engineer, Firebase ML

Developed and optimized Firebase ML SDKs, enabling 120K+ developers to build AI-powered applications.

Boosted Firebase ML adoption by 35% through developer advocacy campaigns and community-building initiatives.

Enhanced observability for 250K+ developers, reducing AI model error detection time by 20%.

Google, New York, NY | 01/2013 – 01/2015,

Tech Lead, YouTube Developer Platforms Engineer

Directed migration to YouTube API v3, transforming performance for billions of devices.

Enabled 27,000+ weekly live events by launching YouTube Live & Subscription APIs.

Expanded API usage by 20% and revamped partner integrations by 15% through platform engineering.

Adconion Media Group, New York, NY | 05/2011 – 01/2013

Senior Big Data Software Engineer

Optimized campaign efficiency by 25% and reduced latency by 30% with AI-driven ad targeting solutions.

OpenLink Financial, New York, NY | 07/2010 – 04/2011

Software Developer

Enhanced prediction accuracy and reduced processing times by 7% with AI-powered financial risk models.

Boomset Inc, New York, NY | 02/2009 – 04/2011

Co-Founder, CTO

Engineered an AI-driven event management platform with 99.9% uptime, scaling to thousands of users.

EDUCATION

MS in Computer Engineering, Columbia University, New York, NY | 08/2008 – 01/2010

BS in Computer Engineering, Bogazici University, Turkey | 08/2003 – 06/2008

CERTIFICATIONS

Generative AI Engineering, IBM | 01/2024 – 12/2024

Prompt Engineering, Vanderbilt University | 01/2023 – 12/2023

Machine Learning, IBM | 01/2022 – 12/2022

SKILLS

Developer Relations

Community Building, Advocacy, Content Strategy, Event Management, Developer Support, Go-to-Market Strategy, Technical Evangelism

AI & Machine Learning:

LLMs, TensorFlow, PyTorch, Hugging Face, LangChain, RAG, Multimodal AI, Model Optimization, AI Pipelines, Model Deployment

Cloud & DevOps:

AWS, GCP, Kubernetes, Docker, Hadoop, ETL Pipelines, CI/CD, MLOps, Scalable AI Infrastructure

Programming:

Python, Java, Kotlin, C++, Swift, SQL, NoSQL, Node.js, R, Flutter, Django, React, Terraform, GraphQL

Leadership & Management:

Team Building, Mentoring, Strategic Planning, Budget Management, Stakeholder Management, Public Speaking, Open Source Governance