



Silver Spring, MD

NATE

MIELNIK

ENGINEERING LEADER

CREATIVE TECHNOLOGIST

LIFE & CAREER COACH

INNOVATOR & INVENTOR

Linkedin: nmielnik | github: nmielnik | medium: @proofofthought

Experience Summary

19-Year Software Professional

Cash App, Amazon, Vistaprint, Microsoft

9+ Year Engineering Manager

Teams/Orgs of 4 to 30: Engineers, Managers, Product, and Operations

12+ Year Full-Stack Developer

Backend Microservices + Monoliths
Frontend Web + Client UX
Open-Source Projects

Education

B.S. Computer Science +

B.S. Mathematics

University of Maryland

Guiding Principles

Lead With Empathy

Fail Fast, Evolve Faster

Authenticity + Transparency

Trust is a Motivator

Passion Over Experience

Measurable, Time-bound Goals

Other Accomplishments

Open-Source Project Leader

medium-editor - 15k stars - Github

Tech Speaker & Educator

Conferences & High Schools

Cryptocurrency Advocate

Blockchain early adopter & speaker

Leadership Diversity

Increased minority representation in leadership roles

Creative Endeavors

Quest10 Daily Trivia Game Creator

LEGO Artist

Professional Hip-Hop Artist

Growth & Leadership Writer

MY MISSION

Create empowering, customer-facing products via an innovative, data-driven, and results-focused engineering culture built on a foundation of growing and retaining talented, action-oriented engineers and leaders

PROFESSIONAL EXPERIENCE

SENIOR ENGINEERING MANAGER

Cash App – 1 Year (2025 – Present)

- Shipped 3 AI product initiatives, including customer and internal tax-expert chat bots and industry-leading document parsing customer experience
- Launched Tax product to 2M+ customers on-time despite managing out 25% of 8-person engineering team due to underperformance
- Transformed operational excellence with 80% reduction in pages and tech debt
- Increased team output by ~60% via full-team adoption of AI-assisted development tools and unlocking self-driven, end-to-end feature launching capabilities

SOFTWARE DEVELOPMENT MANAGER

AWS / Amazon Prime Video – 5 Years (2020 – 2025)

- Hired and led teams of 6-14 engineers, solution architects, technical project managers, and junior engineering managers
- Launched growth experiments without PM support, driving customer engagement and retention via push notifications, in-app notifications, and video carousels
- Built notification platform for launching A/B experiments with ability to scale to tens of millions of customers upon successful business results
- Developed features for mobile app (iOS + Android) and living room clients, including FireTV, Chromecast, Xbox, Playstation, and Roku
- Launched first large-scale RPKI route security system, deployed on all routers in the Amazon network and publicly celebrated by internet security

DIRECTOR / PRINCIPAL LEAD ENGINEER

Vistaprint – 7 Years (2013 – 2020)

- Formed new 30-person organization, unifying multiple print studio products into single platform application
- Reversed customer decline back into growth by leading development of new DIY website builder from inception to launch across 20+ engineers
- Converted 8 engineers into managers and enabled 100+ mentorship relationships through novel leadership programs
- Created, hired, and lead 10+ autonomous engineering teams

SENIOR SOFTWARE ENGINEER

Microsoft – 6 Years (2007 – 2013)

- Supported and developed secure web applications with 2+ billion requests per day and 500 million active users
- Built enterprise authentication client application, later presenting and pitching the product at Microsoft PDC 2008
- Designed and implemented the Two-Factor Authentication system introduced to Microsoft account customers in 2009
- Received Microsoft Gold-Star Award for innovation around generating VM-based development environments