

SUMMARY

Software Engineering Leader with 12+ years of experience building and scaling mobile and logistics systems. Experienced across IC and Engineering Manager roles, delivering high-impact products in distributed systems, machine learning, and generative AI.

CORE AREAS

Mobile Engineering • Distributed Systems • Generative AI • Machine Learning Applications • Technical Leadership

EXPERIENCE

Amazon *Austin, TX*

Software Development Manager / Senior Software Engineer | 2016–2026

[Amazon Flex iOS](#) • [Amazon Key](#) • [Amazon Relay iOS/Android](#) • [Amazon Relay Assistant](#)

- Contributed to large-scale logistics platforms that collectively generated and optimized billions of dollars in annual revenue and cost savings across Amazon's Last Mile and Middle Mile operations.
- Helped scale the Amazon Flex delivery platform from thousands to 7M+ packages per week, building core mobile features and workflow optimizations that reduced driver effort and improved operational efficiency.
- Built high-impact delivery experiences including Amazon Key, working directly with drivers through ride-alongs and live field testing—personally dogfooding features by delivering packages to better understand real-world workflows.
- Led development of the Relay Load Board mobile platform (iOS & Android), enabling carriers to find and accept freight faster, improving fulfillment speed and reducing operational costs.
- Designed long-term server-driven, stateless architecture initiatives across the Relay ecosystem to improve scalability, client performance, and cross-team development velocity.
- Developed machine learning forecasting systems that predicted freight pricing and significantly outperformed competitor models.
- As a technical leader, launched Relay Assistant, an early generative AI product that automated freight negotiation and later expanded to support on-road execution—reducing call center load and saving Amazon millions.

IBM *Austin, TX*

Software Engineer | 2014–2016

[IBM Connections iOS](#) • [IBM Verse iOS](#)

- Developed enterprise mobile applications across iOS and Android, delivering customer-facing features and improving performance, reliability, and user experience.
- Focused on mobile performance, usability, and reliability, improving responsiveness and user experience across multiple product releases.
- Collaborated closely with product, design, and backend teams to deliver high-quality mobile features in agile development cycles.

EDUCATION

Texas A&M University *College Station, TX*

Bachelor of Science in Computer Science, Minor in Mathematics