

Profile Summary

Senior Mobile Engineer with 10+ years of experience building secure, privacy-first communication products at Amazon (AWS Wickr and AWS Chime) and Microsoft (Microsoft Teams). Ownership across architecture, identity/auth, AI features, and performance. Currently working in US. Will need visa sponsorship in future. Have approved i-140

Technical Competencies

- Programming Languages: Swift, Objective-C, C++, TypeScript, RUST, C#, JAVA, and C
- Frameworks: UIKit, SwiftUI, React Native, Windows Presentation Foundation, PyTorch, and .NET 4.x
- Platforms: iOS, Docker, Kubernetes, Windows, Unity3D, and Android
- AI Tools: Kiro, Codex, Cline, Cursor, n8n, Windsurf, and llama.cpp

Professional Experience

Senior Software Engineer, *Amazon*, Seattle, WA, USA

Dec 2021 – Present

AWS Wickr, Client Engineering Team

- Directed mobile efforts for AWS Bedrock Integration, Encrypted Meetings and secure messaging architecture, aligning product goals with scalable, privacy-first design across platforms on mobile apps.
- Redesigned iOS Core Data threading model to improve app responsiveness by 75%, introduced adaptive video scaling and reduced app launch times, strengthened system reliability, and drove engineering best practices for scalability and high performance.

AWS Chime Meetings, Mobile Engineering Team

- Led cross-functional engineering teams to deliver key mobile initiatives including New Meeting Join Flow, Account Deletion, and React Native - MonoRepo, improving delivery velocity, and customer experience.

Software Engineer II, *Microsoft*, Redmond, WA, USA

Feb 2016 – Dec 2021

Microsoft Teams iOS Core Engineering Team

- Led architecture and development of multi-account authentication architecture enabling seamless identity management across accounts and organizations.
- Defined and implemented complex authentication strategies across multiple enterprise backends, owning Silent and UI-based workflows, MDM/MAM compliance, and scaling Silent authentication to 8B+ daily events.
- Championed adoption of phone-based and brokered authentication methods, elevating mobile security standards and enhancing user experience for millions of monthly active users globally.

Founder, *rushg.me*, Personal Project, Online

Mar 2013 – Present

- Built and operated rushg.me as a personal product and home lab running TrueNAS with Docker platform. Designed n8n options-trading workflows using local fine-tuned models running on llama.cpp, with YahooFinance, FinHub, MarketData, and CNN-FGI APIs. The system generates thesis and trading artifacts, feeding a continuous ML-ready dataset loop that runs automatically and is profitable in real time.

Education

M.S. in Game Design and Development – Rochester Institute of Technology, NY

CGPA: 3.85

Bachelors in Engineering (Computer Engineering), 2012 – University of Mumbai, India

First Class

Honors/Publications: Microsoft Global Hackathon 2021 winner; Google Brick Hack Winner 2014, Top 5 Microsoft Student Partner (India) 2012; ACM Chairman 2013