



Mohit Bhalla

Nashville, TN | 315-897-7702 | mohitb117@gmail.com | [GitHub](#) | [LinkedIn](#)

Professional Experience

DoorDash - Grocery | Sr. Software Engineer | New Verticals Mobile Tech Lead

Nov '21 - Present (3+ years)

Mobile Technical Lead building Android and backend features while leading iOS engineers to architect scalable solutions. Built Order Confirmation UI, Dynamic Delivery Options framework, migrated 30+ post-checkout features to unified Consumer Android app with split shipment support. Led on-call operations, mentored engineers, and drove code craftsmanship initiatives across Mobile and Backend teams.

Amazon | Software Engineer → Sr. Software Engineer

Dec '15 - Nov '21 (6 years)

Amazon Care (Sr. SDE, Apr '18 - Nov '21) - Built Audio/Video conferencing capability using WebRTC with real-time quality monitoring ([USPTO Patent US11038933B1](#)). Led Kotlin migration and Coroutines adoption across Android team. Modularized codebase for faster compilation. Built AWS backend infrastructure for high-volume customer metrics.

AWS Silk Browser (SDE, Dec '15 - Apr '18) - Led development of leanback experience for Silk on FireTV including HomeMenu launcher and Optimal Navigational Cursor implementation. Implemented Intent Handling for FireTablets/FireTV. Optimized memory usage and performance.

INRIX Inc. | Software Development Engineer

Oct '14 - Dec '15

Android Mobile Development for real-time traffic information delivery platform serving business and consumer markets.

Pacific Northwest National Laboratory (US Dept. of Energy) | Software Engineering Intern

Summer 2013 & 2014

Primary developer for Android bio surveillance application using Java EE Framework. Built real-time server-client architecture with push notifications and News Feed. **Won 1st Place** in Mobile App Development Competition among team of 4 interns.

Education

Master of Science in Computer Engineering | Syracuse University | May 2014 | GPA: 3.55/4.0

Bachelor of Technology in Computer Science | Guru Gobind Singh Indraprastha University, New Delhi, India | Aug 2012 | GPA: 3.97/4.0

Technical Skills

Mobile Full-Stack Development

Android SDK • Kotlin • Java • Jetpack Compose • Kotlin Coroutines • WebRTC • Server-Driven UI • REST APIs • GraphQL • Backend Integration • Mobile App Architecture

Platform & Infrastructure

AWS Backend Infrastructure • CI/CD Pipelines • Performance Optimization • Memory Management • Modularization • Testing (Unit, Integration, Screenshot)

Observability & Leadership

Telemetry & Metrics • A/B Testing • Experimentation Platforms • On-Call & Incident Management • Code Reviews • Technical Mentorship

Highlights & Recognition

1st Place - Mobile App Development Competition (2014)

Food Feed Bio Surveillance App - PNNL / US Dept. of Energy

Primary Software Developer in team of 4. Built full-stack Android app using Java EE with real-time data delivery via push notifications and News Feed for bio surveillance monitoring.

[Video](#) | [Press Release](#) | [Newswise](#)

US Patent 11038933B1 (2018-21)

WebRTC Quality Monitoring - Amazon Care Platform

Real-time quality monitoring for WebRTC audio/video conferencing - Awarded for innovative work on Amazon Care's video conferencing platform.

[View Patent →](#)

Merit Scholarship (2012-14)

Syracuse University Graduate Program - Computer Engineering

50% Tuition Coverage for academic excellence in Master's program.

2nd Place - INNOVISION Linux Challenge (2011)

Netaji Subas Institute of Technology - Sponsored by IEEE India

Annual tech fest competition demonstrating Linux system expertise.

2nd Place - Embedded Systems Design (2009)

Programming Competition

National level competition for embedded systems programming.