

Ankush Wadhwa

Herndon, VA 20171 | (425) 362-2832 | ankushwadhwa929@gmail.com
[linkedin.com/in/ankush-wadhwa](https://www.linkedin.com/in/ankush-wadhwa) | github.com/ankush929 | ankushwadhwa.xyz

SUMMARY

Mobile engineering leader with 8+ years across Android and iOS, now owning roadmap, delivery, and release end to end for a multi-customer platform across US, India, and EU engineering groups.

WORK EXPERIENCE

BOSCH AUTOMOTIVE SERVICE SOLUTIONS

Herndon, VA (Remote)

Lead Software Engineer

July 2023 - Present

- Lead a cross-functional team of seven (developers, architect, QA, DevOps) plus a sister team in India on the Android diagnostic platform integrating content, firmware, hardware, and two adjacent Bosch apps, shipping to seven OEM customers each release; coordinate US, India, and EU teams to unblock dependencies and keep shared data contracts stable through partner app changes.
- Own the feature pipeline end to end: convert customer and Product Manager requirements into technical specifications with the architect, break solutions into estimated work packages for Project Management, and run delivery as scrum master through sprint planning, review, and retrospective.
- Drove AI adoption from zero, securing approval for GitHub Copilot and Cursor against EU-set dev guidelines and instituting AI-assisted review ahead of human review; built a release-branching agent with automated Jenkins integration testing that saves ~30 engineer-hours per release and ended six consecutive months of delayed releases.
- Triage all incoming defects by severity, field impact, device ecosystem, and brand, cutting the outstanding-issue backlog 40% with Product Management; own monthly release management with DevOps across build readiness, code freezes, validation branches, certificate tracking, and validation-cycle rebuilds.
- Hired and onboarded engineers alongside the hiring manager, running shortlisting and interviews for US and EU roles and onboarding the India sister team onto the product; supply the performance input that feeds formal review cycles.
- Led modernization of the codebase: SVN to Git migration, consolidation of per-customer and per-hardware build branches into a single configurable branch, migration to Kotlin and current Android SDKs, and introduction of Jetpack Compose, Dagger/Hilt, and crash analytics.

Software Engineer (Mobile Applications), contracted by Modis Inc.

Sep 2020 - July 2023

- Spearheaded development of mobile automotive diagnostic software for North America's leading motorcycle company, contributing across the full SDLC from requirements and test-driven development through validation and release management.
- Rebuilt an existing Android-based automotive diagnostic tool on Xamarin (C#, XAML), enabling a hybrid ecosystem across Android, iOS, and Windows.

CARLINFIT LLC

Washington, DC (Remote)

Software Engineer (Mobile Applications)

May 2020 - Aug 2020

- Built a bidding algorithm for weight loss tracking, enabling monetization of weight loss challenges between users.
- Built the payment gateway with Braintree and PayPal SDKs, supporting in-app purchases and payouts via PayPal, Venmo, Apple/Google Pay, and cards on Android and iOS.

FAAGIO MEDIA PVT. LTD.

New Delhi, India

Tech Lead, Mobile Applications

Jan 2016 - Dec 2017

- Led a team of 12 across product planning and test management for a hyperlocal service platform, managing a \$120,000 budget and instituting monthly Android and iOS releases.
- Redesigned and rebuilt the Android application in Java and the iOS application in Objective-C, cutting crash rate 65% and app size 75% while growing downloads to 46,000 on Android and 26,000 on iOS.
- Formalized Agile practices and built in-house expertise across UI/UX, mobile, CMS, and testing, saving ~30% of intended spend.

REDMART PVT. LTD.

Bangalore, India

Software Development Intern

May 2015 - Aug 2015

- Built a Java-based algorithm to optimize one-day delivery and designed a decentralized platform for delivery logistics.

TECHNICAL SKILLS

Languages: Java • Kotlin • C# • Swift • Objective-C • Python • JavaScript (Node.js, Express.js)

Mobile & Frameworks: Android SDK • Jetpack Compose • Dagger/Hilt • RxJava • Coroutines • Xamarin • React Native • .NET

Platforms & Data: Google Cloud Platform • Firebase • AWS • PostgreSQL • MySQL • MongoDB

Tooling & Practice: Git • SVN • Jenkins • Jira • GitHub Copilot • Cursor • Agile/Scrum • Android Studio

CERTIFICATIONS

Certified Scrum Product Owner (CSPO), Scrum Alliance | Credential ID 1864649

McKinsey.org Forward Program, McKinsey.org | [Verified credential](#)

EDUCATION

Master of Science, Computer Science, The George Washington University, Washington, DC

Jan 2018 - Dec 2019

Bachelor of Technology, Computer Science, Amity University, Noida, India

Apr 2016