

SAURABH JAIN

Fremont, CA

Mobile: (650) 714 - 0942 / Email: saurabhjain.net@gmail.com / Portfolio: <http://saurabhjain.us/>

PROFESSIONAL SUMMARY:

- Thirteen years of experience in design, development, testing and submission of Android apps.
- Two years of experience in Mobile build tooling and infrastructure.
- Deep knowledge of Android SDK and working on client server architecture in mobile apps.
- Strong expertise in developing multithreaded applications for Android operating system using Android Studio, SQLite/Room, Kotlin, Java, XML, Kotlin Flows, Coroutines, Live Data, Repository, Jetpack libraries including Compose, JSON, Graph QL, RESTful Web services, Reactive programming - Rx Java, AOSP and other popular Android frameworks.
- Experience leading Mobile engineer teams to drive cross-org Android platform initiatives.
- Experience enhancing the Android build system/tooling and providing daily tooling support.
- Experience providing daily support to nearly ~100+ Android Apps/SDK teams and over 2000 builds.
- Strong experience with end-to-end product development lifecycle, developing consumer-facing applications, Object Oriented Analysis and design methodologies.
- Proven experience building beautiful Material UI/Figma in previously shipped Android apps.
- Excellent troubleshooting and debugging skills.
- Prior experience of working across different teams like Product, Design, Core Library, Development, Testing.
- Experience in Unit/Functional testing frameworks.
- Experience with AB Testing, feature flagging.
- Experience in different Mobile Apps and SDK Architectures – MVVM, MVC, MVP.
- Experience in AI frameworks like Cursor, ChatGPT, Github CoPilot and their Android studio integration.

TECHNICAL SKILLS:

- **Team Skills:** People management, team leadership and mentoring, process improvement.
- **Programming Languages:** Kotlin, Java, YAML, Groovy, Gradle DSL, SQL, XML, C++, C.
- **Web Technologies:** JavaScript, HTML/DHTML, CSS, XML, XSD, XSLT, PERL, AJAX, JSON.
- **Database:** Room, SQLite, MySQL.
- **Operating Systems:** macOS, Windows, UNIX (SOLARIS), Linux.
- **Servers:** Apache HTTP, Tomcat.
- **Build Tools:** Android Studio, IntelliJ IDEA, JFrog Artifactory, Github, Git, SourceTree, Gradle, Ant.
- **Security Systems:** CKMS and Athenz IO.
- **CI/CD Server:** [Screwdriver](#), Walmart's looper, Jenkins.
- **App Stores:** Google Play developer console and Google Cloud Project/Firebase technical know-how.
- **Others:** Jacoco, Sonarqube, Splunk, Open Observer, Sentry.

WORK EXPERIENCE:

Staff Software Engineer at [Walmart Inc.](#)

October 2024 – Present

Post Transactions/Checkout - Order amendment experience.

- Live shop/ Live chat experience with a Shopper.
- Add to Order experience.
- Editing payment method.
- Editing subscription frequency.
- Pickup, delivery, shipping and subscription orders.
- Editing delivery and pickup slots.
- Editing delivery and shipping address.
- Editing pick up person.
- Product substitutions.

Principal Software Engineer at [Yahoo Inc.](#)

November 2019 – January 2024

- Architected Yahoo mobile apps and core mobile SDKs.
- Managed and lead a team of 10 mobile engineers to drive multiple Android platform SDK and app initiatives.
- Mentored engineers to achieve their career goals.
- Led cross-org mobile feature roadmaps and contributed to company's overall process improvement.
- Handled build automation and tooling for all of Yahoo and AOL's Android apps and SDKs.
- Supported 100+ Android Apps/SDK teams and over 2000 builds/day to assist in daily tasks.
- Examples include: Artifacts(aar, jar, apk, aab) publishing to the Artifactory and Play Store.
- BOM generation for adoption by internal tools to better manage dependencies and app versioning.
- Developed Screwdriver templates for artifact deployment and release readiness using YAML, Gradle, Groovy, Java.
- Strong collaboration across multiple orgs like Yahoo Mail, Finance, Sports, AOL, News and others.

Senior Software Engineer Android at [Yahoo Inc.](#)

August 2017 – October 2019

- Led a team of 6 Mobile engineers that built suite of Core Android SDKs for all Yahoo Mobile apps.
- Worked on Identity/Analytics/Privacy/Feedback SDKs which cater to all of Yahoo and AOL apps.
- Built and shipped [TechCrunch](#) app in a fast paced environment from the mono repository of Yahoo, AOL and TechCrunch.
- Led android engineering team for TechCrunch and helped migrate it to Yahoo tech stack.
- Built and shipped [Yahoo](#) app in a fast paced environment from mono repository of Yahoo, AOL and TechCrunch.
- Built Sponsored Moments Ad SDK for Android and integrated it with the following mobile apps:
- [Yahoo News](#), [Yahoo Fantasy Sports](#), [Yahoo Sports](#), [Yahoo Finance](#), [Yahoo Weather](#), [AOL](#).

Senior Software Engineer at [AOL Inc.](#)

July 2012 – July 2017

- Built and shipped redesigned versions of [Engadget](#), [Techcrunch](#) apps and Android TV platform apps.
- Built and shipped [Sage](#) app single-handedly.
- Sage is a platform built to engage people on different topics and let them share their predictions with the world.
- Worked across Product, Design and Testing teams to gather product specifications and develop a high quality mobile app.
- Used v4, v7, MultiDex, Volley, Design Support, FB Fresco, FB android SDK, Twitter Core, Twitter Crashlytics libraries.
- Used Intent Service, Content Provider, SQLite, Broadcast Receiver, Loaders, Network Image View, Push Notification, Metrics.
- Used Recycler View, Collapsing Toolbar Layout, Ripple effects, FAB, Material Calendar and Time pickers, Tab Layout etc.
- Built and shipped [Starlike](#), [Autoblog360](#), [Autoblog](#), [Patch](#), Daily Finance, and [AboutMe](#) apps.
- Used Intent-Service, SQLite, AsyncTask, Runnable, Loaders, Media Player, Location, Accelerometer and Orientation Sensors.
- Used Google's [Volley](#), Square's [OOTO](#), [AQuery](#), [ActionBarSherlock](#), View Pager Indicator libraries.
- Developed a custom In-app camera including auto-focus, flash, back/front camera switching and gallery image picker.
- The In-app camera captures both picture and video and saves to external storage.
- Added Pull Notification and locale support to AOL Core libraries.
- Pull notification support includes features like different device destination support (tablet, phone, stock, Kindle, all devices).
- Added support to spin both QA and Production builds with a single release through AOL CM.
- Added Metrics calls to AOL Autos app using Flurry, ComScore, Data layer metric libraries.
- Designed and developed standard and premium versions of Autoblog360.
- Served as a key contributor on AOL Reader app.
- Worked across Product, Design, QA teams to drive product development, test cycles and store submission.

EDUCATION:

Master of Science, Computer Science
University of Southern California, Los Angeles, CA, USA

Bachelor of Engineering, Computer Science
Maharshi Dayanand University, Rohtak, Haryana, India