**SAURABH JAIN**

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***EDUCATION:***

Master of Science, Computer Science May 2011

University of Southern California, Los Angeles, CA, USA

Bachelor of Engineering, Computer Science July 2008

Maharshi Dayanand University, Rohtak, Haryana, India

***PROFESSIONAL SUMMARY:***

* Ten years of Software industry experience in design, development, testing and submission of Android Mobile applications.
* Strong experience with complete product development lifecycle, developing consumer facing applications, Object Oriented Analysis and design methodologies.
* Strong expertise in developing multithreaded applications for Android Operating system using Android Studio, SQLite, Java, Kotlin, XML, JSON, RESTful Web services, Android SDK and other popular Android frameworks.
* Deep knowledge of Android SDK and working on client server architecture in mobile applications.
* Proven experience of building beautiful Material UI’s in previously shipped Android applications.
* Experience in enhancing the Android build system/tooling and providing DevOps support for the daily android mobile builds.
* Experience in leading 5 Android engineer team to drive multiple android platform SDK initiatives.
* Experience in working across multiple team orgs like Yahoo Mail, Finance, Sports, AOL, News, APAC teams.
* Excellent troubleshooting and debugging skills.
* Prior experience of working across different teams like Product, Design, Core Library, Development, Testing.

***TECHNICAL SKILLS:***

* **Programming Languages:** C, C++, Java, Kotlin, XML, SQL, Groovy YAML.
* **Web Technologies:** JavaScript, HTML/DHTML, CSS, XML, XSD, XSLT, PERL, AJAX, JSON.
* **Database:** Room, SQLite, MySQL.
* **Operating Systems:** OSX, Windows, UNIX (SOLARIS), Linux (Ubuntu), MS DOS.
* **Servers:** Apache HTTP, Tomcat.
* **IDE/VCS/Build Tools or Systems:** Android Studio, IntelliJ IDEA, JFrog Artifactory, Github, Git, SourceTree, Gradle, Ant.
* **Security Systems:** CKMS and Athenz IO
* **CI/CD Server:** Screwdriver <https://screwdriver.cd/>
* **App Stores:** Google Play developer console technical know how.
* **Others:** Jacoco, Sonarqube, Splunk.

***WORK EXPERIENCE*:**

**Android Technical Lead and DevOps Engineer** [**Yahoo Inc.**](https://www.yahoo.com/)September 2021 – Present

* Leading a team of 6 Mobile engineers to drive multiple Android platform SDK initiatives.
* Responsible for the build automation for all of Yahoo and AOL’s Android application/SDK’s and build tooling around it.
* Maintaining and adopting the new build tool solutions as a part of our Android build system.
* Providing daily support to nearly ~100+ Android Apps/SDK teams and over 2000 builds/day to help them do their daily tasks.
* Examples include: Artifacts(aar, jar, apk, aab) publishing to the artifactory and playstore.
* BOM generation for adoption by internal tools to better manage/resolve dependency issues, app version coding.
* Develop screwdriver templates (buildscripts) for artifact deployment and release readiness using YAML, Gradle, Groovy, Java.
* Providing support for screwdriver build enhancements and resolving build config issues.

**Senior Software Engineer Android at** [**Yahoo Inc.**](https://www.yahoo.com/)August 2017 – August 2021

* Led a team of 6 Mobile engineers to drive multiple Android platform SDK initiatives.
* Worked on Identity/Analytics/Privacy/Feedback SDK’s which caters all of Yahoo and AOL apps.
* Built and shipped [TechCrunch](https://play.google.com/store/apps/details?id=com.aol.mobile.techcrunch&hl=en_US) app in a fast paced environment from mono repository of Yahoo, AOL and TechCrunch.
* Led android engineering team for TechCrunch and helped move it to tech Yahoo stack.
* Built and shipped [Yahoo](https://play.google.com/store/apps/details?id=com.yahoo.apps.yahooapp) 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](https://play.google.com/store/apps/details?id=com.yahoo.mobile.client.android.yahoo), [Yahoo Fantasy Sports](https://play.google.com/store/apps/details?id=com.yahoo.mobile.client.android.fantasyfootball), [Yahoo Sports](https://play.google.com/store/apps/details?id=com.yahoo.mobile.client.android.sportacular), [Yahoo Finance](https://play.google.com/store/apps/details?id=com.yahoo.mobile.client.android.finance&hl=en_US), [Yahoo Weather](https://play.google.com/store/apps/details?id=com.yahoo.mobile.client.android.weather), [AOL app](https://play.google.com/store/apps/details?id=com.aol.mobile.aolapp).

**Senior Software Engineer at** [**AOL Inc.**](https://www.aol.com/)July 2012 – July 2017

* Built and shipped redesigned versions of [Engadget](https://alpha.aol.com/), [Techcrunch](https://play.google.com/store/apps/details?id=com.aol.mobile.techcrunch&hl=en) apps and android TV platform apps in 2016.
* Built and shipped [Sage](https://alpha.aol.com/) app single-handedly from the beginning until it was shipped in December 2015.
* Sage is a platform built to predict future, 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](https://alpha.aol.com/), [Autoblog360](https://alpha.aol.com/), [Autoblog](https://alpha.aol.com/), [Patch](http://patch.com/), Daily Finance, and [AboutMe](https://about.me/) apps from 2012 to 2015.
* Used Intent-Service, SQLite, AsyncTask, Runnable, Loaders, Media Player, Location, Accelerometer and Orientation Sensors.
* Used Google’s [Volley](https://android.googlesource.com/platform/frameworks/volley/), Square’s [OOTO](http://square.github.io/otto/), [AQuery](https://code.google.com/p/android-query/), [ActionBarSherlock](http://actionbarsherlock.com/), View Pager Indicator libraries.
* Developed a custom In-app camera having features of auto-focus, flash, switching to back/front camera, gallery image picker.
* The In-app camera feature is capable of capturing both picture and video and saving the media to external storage.
* Worked extensively on AOL Core libraries to add the support for Pull Notifications and added different locale support.
* Pull notification support includes features like different device destination support (Tablet, Phone, Stock, Kindle, All devices).
* Added different types of notifications like “Update”, “Alert”, forced “Update” etc.
* Added support to spin both QA and Production builds with a single release through AOL CM.
* Added Metrics calls to AOL Autos app to add support for analytics using Flurry, ComScore, Data layer metric libraries.
* Designed and developed standard and premium versions of Autoblog360 and also worked on AOL Reader app.
* Worked across Product, Design, QA teams to drive product development, test cycles and submission to the stores.