SAURABH JAIN

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PROFESSIONAL SUMMARY:

- Ten years of Software industry experience in design, development, testing and submission of Android Mobile applications.
- Two years of Software industry experience in Mobile build tooling and infrastructure.
- Deep knowledge of Android SDK and working on client server architecture in mobile applications.
- Strong expertise in developing multithreaded applications for Android Operating system using Android Studio, SQLite, Java, Kotlin, XML, Jetpack Compose, Jetpack libraries, JSON, Graph QL, RESTful Web services, Reactive programming - Rx Java, Android SDK and other popular Android frameworks.
- Experience in leading 6 Mobile engineer team to drive multiple cross org android platform initiatives.
- Experience in enhancing the Android build system/tooling and providing tools support for the daily android mobile builds.
- Providing daily support to nearly ~100+ Android Apps/SDK teams and over 2000 builds/day to help them do their daily tasks.
- Strong experience with complete product development lifecycle, developing consumer facing applications, Object Oriented Analysis and design methodologies.
- Proven experience of building beautiful Material UI's in previously shipped Android applications.
- 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:

- **Team Skills:** People management, Team leadership and mentoring, Process improvement.
- **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 and Google Cloud Project/Firebase technical know-how.
- **Others:** Jacoco, Sonarqube, Splunk.

WORK EXPERIENCE:

Android Development Lead at Yahoo Inc.   September 2021 – Present

- Architecting Yahoo Mobile Apps and Core mobile SDKs.
- Managing and leading a team of 6 Mobile engineers to drive multiple Android platform SDK and App initiatives.
- Mentoring and working with engineers to achieve their career goals.
- Leading cross org mobile feature roadmaps and contributing to company's overall process improvement.
- Also responsible for the build automation for all of Yahoo and AOL's Android application/SDK's and build tooling around it.
- 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.   August 2017 – August 2021

- Led a team of 6 Mobile engineers that built suite of Core Android SDKs for all of Yahoo Mobile apps.
- Worked on Identity/Analytics/Privacy/Feedback SDK's which caters all of Yahoo and AOL apps.
- Built and shipped TechCrunch 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 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 app.

Senior Software Engineer at <u>AOL Inc.</u>   July 2012 – July 2017

- Built and shipped redesigned versions of <u>Engadget</u>, <u>Techcrunch</u> apps and android TV platform apps in 2016.
- Built and shipped <u>Sage</u> 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 <u>Starlike</u>, <u>Autoblog360</u>, <u>Autoblog</u>, <u>Patch</u>, Daily Finance, and <u>AboutMe</u> apps from 2012 to 2015.
- Used Intent-Service, SQLite, AsyncTask, Runnable, Loaders, Media Player, Location, Accelerometer and Orientation Sensors.
- Used Google's <u>Volley</u>, Square's <u>OOTO</u>, <u>AQuery</u>, <u>ActionBarSherlock</u>, 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.

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