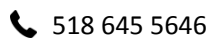


Gaurav Jayasawal

Software Engineer



Summary

Software Engineer and a Leader with around 4 years of experience in writing scalable and robust code for large and medium scale organizations, leading development efforts, performing feature experiments, doing metrics analysis, and product management.

Work Experience

Software Engineer

Jan 2022 - Current

Google - Chrome

- Led the development of the [Tab Strip Improvements](#) feature, Co-authored US Patent (Pending) design on Android tablets which improved the tab strip usage experience allowing users to interact with more tabs easily and reducing accidental tab closures.
- Notable metrics: -23% Tab switch time, -30% strip slides to find tabs.
- Personal contributions: Planning, UI development, logging, adding metrics, performing experiments and analyzing the results.

Google - Play store (Play Protect)

- Currently working in a team of 12 to lead the development of ongoing Play Protect features.
- Perform regular launch experiments and analyze data to improve security and user experience of Play Protect.

Software Engineer

Jul 2019 - Jan 2022

Appian Corporation

- Worked as a Software Engineer and the Point of contact for the Appian Mobile (Android) team supporting over 56,000 daily active users with 300,000 sessions per month, a growth of 1,870% in 2020 alone, (retrieved numbers from google analytics).
- Led multiple mobile efforts like Improved SAML based Authentication using Client certificates - unblocking thousands of users from USMC, Fannie Mae and customers with advanced security requirements.
- Collaborated with around 15 engineers in delivering large sized features such as Appian for Offline and Dynamic Offline for over 10 customers including Ryder, Haliburton and others.
- Contributed to the highly awaited Appian project called [Appian Portals](#) which makes highly performant and scalable Appian UIs available for public access without having to authenticate with Appian. Personal contributions include designing, developing and delivering parts of the deployment platform using technologies like Java, Python, Kubernetes, KNative and AWS.

Education

State University of NY, Plattsburgh

May 2019

CGPA: 3.98/4.0

- B.S. in Computer Science
- Honors: Academic Excellence in CS award (Highest department honor), Outstanding graduate award
- Dean's List in all semesters

Technical Proficiencies

Languages and Technologies: Kotlin, Java, React Native, Android, React, Python, PHP, C#, C++, Node, SQL, MongoDB, Room, Dart - Flutter, Bash, Git, SASS, SCSS, Firebase - Firestore, Realtime DB, Metrics, Crashlytics

Skills: Scalable Android app development with Kotlin/Java, Software engineering design patterns, project management using tools like Jira, Git, release management using app flavors, strong communicator with clients, team and other product stakeholders

Personal projects

Shuttler - Android App

[Shuttler](#) - Campus shuttle tracker

- Deployed a Kotlin based Android app for tracking the campus shuttle. Later, rebuilt the app on Flutter for iOS support.
- Used Firebase APIs for notifications and metrics.
- Communicated regularly with campus administration and other stakeholders to secure investments, permissions for the project to be operated on campus.