

Prakhar Shukla

Portfolio: prakharshukla.dev

Github: github.com/imprakharshukla

Email: imprakharshukla@gmail.com

Mobile: +91-895-7088-116

EDUCATION

- **Galgotias College of Engineering and Technology** Noida, India
GPA: 8.2 2021 - 2025
Courses: Computer Science and Artificial Intelligence
- **Spring Dale College** Lucknow, India
10+2; GPA: 8.0 April 2019 - April 2020
Courses: Physics, Chemistry, Maths and Computer Science

SKILLS SUMMARY

- **Languages:** Kotlin, C++, JavaScript, TypeScript, Java
- **Frameworks:** NuxtJS, VueJS, Express, TailwindCSS, NodeJS, Jetpack Components — Android
- **Tools:** Docker, GIT, PostgreSQL, MySQL, SQLite, Android Studio

EXPERIENCE

- **Chief Technical Officer - Andronix** [Website](#)
CTO (Full-time) April 2019 - Present
 - **Android App:** Developed the entire Android App using **Kotlin** with **MVVM architecture**. Used libraries like-
 - * **Retrofit — OkHttp - Rest API calls & Streaming:** Reduced debugging time by implementing Retrofit and OkHttp with HttpLoggingInterceptor and Hilt.
 - * **Kotlin - Advanced State Management:** Improved the state management by using **Kotlin StateFlow and Shareflow** in combination with **Coroutines**.
 - * **Jetpack Components — Navigation, Data and Dependency Injection:** Used **Navigation Components** for navigation with single-activity principle. **Jetpack DataStore** and **Jetpack Hilt** has been used for data persistence and dependency injection respectively.
 - **Backend:** Developed the backend of Andronix to handle download requests at scale
 - * **TypeScript and Integration tests:** Refactored the code to Typescript and increased the coverage to over 80%. Used Firebase emulators to further increase the integration test coverage to 78% from 0%.
 - * **Microservices:** Modularized the API into Internal, Commerce, and Product APIs and reduced the time spent on maintenance.
 - * **Dev-Ops:** Implemented **CI/CD pipelines** for automated Unit/ Integration testing and deployment using **GitHub Actions**.
 - **Frontend:** Developed the frontend of the Andronix app's websites with **NuxtJS** and **VueJS**, styling them with **TailwindCSS**.
 - * **UI/UX:** Designed the websites from scratch using Adobe XD and coded them in a modular approach.
 - * **End-to-end testing with CypressJS:** Implemented automated End-to-end testing using **CypressJS**.
 - * **Finance and Commerce management:** Added RazorPay with custom implementation of **discount coupon handling** using Firebase and receipt emailing.

PROJECTS

- **Andronix:** Android app that let's you install Linux distributions like Ubuntu, Manjaro, Debian, Arch etc. on un-rooted Android devices. Over **1,000,000** downloads and over **100,000** monthly active users from USA, India, Russia, Germany etc.. Andronix **ranks #1** on the Google Play Store for the Linux keyword.
Links: [Github](#) , [Website](#), [Live Demo](#)
- **WhenWhereWhat:** It is an app that lets you share a calendar link that can allow the viewer to save the event to any of the supported calendars. With this feature, users don't have to go through the hassle of manually adding events to their calendar. They can simply click on the link and the event will be added automatically.
Users can add events to their calendar regardless of the platform they are using. This is especially useful for users who switch between different calendar platforms or use multiple calendars for different purposes.
Links: [Website](#)