

Prakhar Shukla

Portfolio: prakhar.codes

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EDUCATION

- **Galgotias College of Engineering and Technology** Noida, India
B.Tech in Computer Science and Artificial Intelligence; GPA: 8.2 2021 - 2025
- **Spring Dale College** Lucknow, India
10+2; GPA: 8.0 April 2019 - April 2020

SKILLS SUMMARY

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

EXPERIENCE

- **Lead Developer - Lumoflo** [Website](#)
*App facilitating sales with **Automated Billing, Shipping, Invoicing, and Inventory*** April 2023 - Present
 - **Comprehensive Multi-Tenant App:** Developed Lumoflo, a **multi-tenant platform** empowering small business owners to efficiently sell products with fully **automated billing, shipping, invoicing, and inventory management**.
 - **Unified Shopping Experience:** Enabled users to manage a **single account** to shop across all Lumoflo-associated stores, enhancing user convenience and driving sales.
 - **Optimized Inventory Management:** Implemented an **auto product queue** system that reduces the likelihood of unsold inventory, ensuring optimal stock turnover.
 - **Global Sync Features:** Integrated **globally synced cards, queues, and recommendations**, giving Lumoflo a competitive edge over store creation tools like Shopify.
 - **One-Click Shipping Automation:** Automated shipping with Delhivery through **one-click operations** from the admin panel, streamlining logistics and saving significant time per order.
 - **Automated Invoicing and Accounting:** Automated **invoicing and accounting** processes, providing sellers with seamless financial management and insightful sales analytics.
 - **Tech Stack:** Leveraged a robust tech stack including:
Backend: Express JS, Typescript, Ts-Rest, Postgres, Redis, Agenda, Jest, Jupa, custom auth
Infrastructure: Docker containers, scaling with Fly.io, Cloudflare Images
Frontend: NextJS 14, TailwindCSS, React Server Components, Multi-tenancy with Vercel Platform, Vercel Domains API
- **Lead Developer - Andronix** [Website](#)
Ranks No. 1 on Google Play Store for "Linux" keyword. Over 1.5 Million downloads 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**.
 - **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**.
 - * **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 lets you install Linux distributions like Ubuntu, Manjaro, Debian, Arch etc. on un-rooted Android devices. Over **1.5 Million+** 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](#)
- **Lumoflo:** App facilitating seamless sales with Automated Billing, Shipping, Invoicing, and Inventory Management. A multi-tenant apps that lets sellers sell via a unified dashboard and users, via multiple yet unified storefronts.
Links: [Website](#)
- **Rapid- Starter:** A starter template using NextJS and ExpressJS with complete end-to-end typesafety with TS-Rest contract. It also uses ui/shadcn for components and you can add more apps and packages using Turborepo.
Links: [Website](#)