

# Prakhar Shukla

Portfolio: [prakhar.codes](https://prakhar.codes) | Github: [github.com/imprakharshukla](https://github.com/imprakharshukla) | LinkedIn: [linkedin.com/in/iamprakharshukla](https://linkedin.com/in/iamprakharshukla)

## SUMMARY

Full-stack software engineer with 4+ years of experience building production systems from zero to scale, across TypeScript, React, Node.js, and AI/LLM-based products. Built Andronix (2.4M+ downloads, \$140K revenue) and led AI agent development at Yobr. **GitHub: 3,700+ stars · 790+ forks · 9,400+ contributions**

## EXPERIENCE

- Founding Software Engineer - Yobr (yobr.io)** Oslo, Norway  
*Full-Time* May 2025 - Dec 2025
  - Flagship Job Planner:** Designed and built flagship Job Planner with nested AI-powered steps and streaming capabilities, reducing job creation time by **90%**.
  - Tech Stack Migration:** Led comprehensive migration to modern architecture using *Next.js*, *Fastify*, *BullMQ*, and *Trigger.dev* for async job orchestration. Implemented end-to-end type safety with *tRPC* for shared RPC contracts between frontend and backend.
  - AI Agent Development:** Architected and deployed sophisticated AI agents with **100+ tools** using *Vercel AI SDK* and *Mastra.ai*, significantly enhancing the job posting workflow and user experience.
  - Event-Driven Notifications:** Built event-driven notification system using *BullMQ*, replacing manual email workflows and reducing multi-party interaction turnaround time by **65%**.
  - DevOps & Database Architecture:** Executed production database migration to *PostgreSQL*. Engineered custom application-layer *Row Level Security (RLS)* alternative, improving performance and maintainability.
  - Tech Stack:** *Next.js*, *Fastify*, *Trigger.dev*, *tRPC*, *PostgreSQL*, *Vercel AI SDK*, *Mastra.ai*, *BullMQ*
- Software Engineering Intern - Yobr (yobr.io)** Oslo, Norway  
*Internship* Mar 2025 - Apr 2025
  - Flagship Job Planner:** Designed flagship Job Planner with nested AI-powered steps and streaming capabilities, enhancing workflow efficiency.
  - Organizations & Team Management:** Architected organizations and team management system with *Row Level Security* for secure multi-tenant access.
- Software Engineering Intern - CaseCraft (NUS Singapore)** Singapore  
*Full-Stack Development & AI Integration* Jul 2024 - Nov 2024
  - Full-Stack Development:** Engineered frontend using *React*, *Tanstack Router*, *TailwindCSS* and backend with *TypeScript*, *ts-rest*, *PostgreSQL* achieving end-to-end type safety.
  - TypeScript Migration:** Led JavaScript to TypeScript migration, resulting in **24% reduction** in application failure and error rates.
  - AI Integration:** Designed and implemented AI pipelines leveraging *OpenAI*, enhancing application capabilities and user engagement.
  - Tech Stack:** *React*, *Tanstack Router*, *TailwindCSS*, *TypeScript*, *ts-rest*, *PostgreSQL*, *Zod*, *OpenAI*
- Founder & Software Engineer (Product) - Lumoflo** [Website](#)  
*Full-Stack Multi-Tenant E-commerce Platform. \$1.5M+ in transactions processed* Apr 2024 - Dec 2024
  - Backend Architecture:** Engineered robust backend using *Express.js* and *ts-rest* with end-to-end type safety. Designed *monorepo structure*, reducing build times by **56%**.
  - Advanced Features:** Developed complex account synchronization for carts and queues. Implemented high-performance job queuing system using *BullMQ* and *Redis* for efficient task processing.
  - Frontend & Testing:** Led frontend development with *Next.js*, creating a centralized design library. Wrote **40+ end-to-end tests** for core modules, significantly enhancing deployment confidence.
  - Tech Stack:** *Express.js*, *TypeScript*, *Postgres*, *Redis*, *Next.js 14*, *TailwindCSS*, *Docker*, *Jest*
- Founder & Software Engineer (Product) - Andronix** [Website](#)  
*Ranks No. 1 on Google Play Store for "Linux". 2.4M+ downloads, \$140K+ revenue* Apr 2019 - Jun 2024
  - Android App:** Developed the entire Android App using *Kotlin* with *MVVM architecture*, handling REST API calls and async operations.
  - Backend Architecture:** Refactored codebase to *TypeScript*, increased test coverage to **80%**, and modularized into microservices for improved scalability and maintenance.
  - Tech Stack:** *Kotlin*, *TypeScript*, *Firebase*, *Jest*

## SKILLS SUMMARY

- Languages:** TypeScript, JavaScript, SQL, Kotlin, Python, Go, Java, C++
- Frameworks:** React, Next.js, Express.js, Fastify, React Native, Vue.js
- Backend & Infra:** PostgreSQL, Redis, Docker, BullMQ, Firebase
- AI & LLMs:** OpenAI, Vercel AI SDK, Mastra.ai, LangChain, LangGraph
- Testing & Tooling:** Jest, Cypress, Git

## EDUCATION

- Galgotias College Of Engineering and Technology** Noida, India  
*B.Tech in Computer Science and Artificial Intelligence; GPA: 8.3* 2021 - 2025