

Prakhar Shukla

Portfolio: prakhar.codes | Github: github.com/imprakharshukla | LinkedIn: 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: 3,100+ stars · 1000+ forks**

EXPERIENCE

• Founding Software Engineer - Yobr (yobr.io)

Oslo, Norway
May 2025 - Dec 2025

Full-Time

- **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