AYUSHI VERMA

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SUMMARY

Frontend-leaning Full-Stack Engineer with 4+ years building mobile and web platforms in React, SvelteKit, and Capacitor. Architected systems powering 12 production applications and 3.3M+ users, spanning payments, authentication, fraud prevention, and AI-powered moderation.

SKILLS

JavaScript (ES6) | TypeScript | SvelteKit | React | Next.js | Redux | Tailwind CSS | Node.js | Hono | tRPC | Kysely | PostgreSQL | pg-boss | ClickHouse | REST APIs | Capacitor | iOS | Android | FCM | Storybook | Jest | Git

EXPERIENCE

Software Development Engineer **Feb 2025 — Present**

IndiDino Ventures *Bengaluru (On-site)*

- Architected a SvelteKit + Capacitor monorepo powering 12 production applications and 3.3M+ users, enabling shared UI components, type-safe APIs via tRPC, and centralized release management.
- Owned iOS platform engineering, developing native Capacitor integrations for biometrics, permissions, payments, media processing, and custom plugins, ensuring feature parity across iOS and Android deployments.
- Engineered a cross-application fraud detection pipeline using device fingerprinting, PostgreSQL, and tRPC, preventing re-registration of 350+ banned users across multiple consumer platforms.
- Designed an AI-powered content moderation pipeline with a multi-provider Vision LLM evaluation architecture, benchmarking 6 models and reducing moderation costs to ~$0.30 per 1,000 images.
- Built a reusable payment platform supporting Razorpay, Google Pay, Apple Pay, UPI, and wallets through a unified interface, accelerating payment integration and contributing to subscription revenue growth.
- Led platform-wide monetization experiments, executing A/B tests across onboarding funnels, paywalls, and pricing variants while analyzing behavioral data in ClickHouse to optimize subscription conversion.
- Developed a production-grade authentication platform supporting OTP, Google, Apple, and Truecaller authentication with account lifecycle management, adopted platform-wide.
- Implemented cross-platform notification infrastructure with FCM delivery, deep-link routing, and 60+ reusable notification templates, streamlining user engagement and lifecycle campaigns.
- Shipped end-to-end features on Shaadi, IndiDino's matrimony app — subscription/payments page, verified-profile flow, message-request and account-deletion flows, and conversion experiments — while owning a privacy layer (phone masking, photo-blur, consent-gated photo requests) and localizing the app across 9 Indian languages.

Frontend Software Engineer **Aug 2022 — Feb 2025**

Good Business Lab *Bengaluru (Remote)*

- Scaled the platform from pilot to deployment across 50+ factories supporting 200K+ workers.
- Migrated the platform from React 16 to React 18, modernizing the dependency stack and unlocking concurrent-rendering features.
- Built the in-house product-analytics system the team used to see which screens workers actually opened and where retention was dropping — a DynamoDB-backed event store, lifting user retention by 20%.
- Built an analytical dashboard with AntV React, lifting user engagement by 35% through data visualization.
- Shipped a broadcasting service and multi-team event calendar for factory operations — one-click announcements to all workers and cross-site shift coordination, lifting communication efficiency by 25% and cutting scheduling conflicts by 40%.
- Set up the Jest testing environment from scratch, reaching 30% coverage on legacy code and enabling a test-driven workflow for new features.

EDUCATION

B.Tech Information Technology — I.E.T, Dr. Rammanohar Lohiya Avadh University, Ayodhya, India **Aug 2018 — Jul 2022**