MAINAK PANDIT

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Frontend engineer specializing in architecting and scaling complex product platforms in early-stage startups, with ownership of core revenue systems, developer tooling, and performance optimization across fintech, e-commerce and SaaS products.

SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3
Frontend & Frameworks: React, Next.js, Svelte, SvelteKit, State Management (Redux/Zustand/TanStack Query), GraphQL
Architecture & Platforms: Frontend Architecture, Monorepos, Micro-frontends, Design Systems, API Integration Patterns
Performance & Quality: Core Web Vitals, Performance Optimization, Accessibility (WCAG/ARIA), Cypress, Playwright, Jest, Vitest
Tooling & DevOps: Vite, Webpack, CI/CD, GitHub Actions, Docker, Observability (Datadog, Sentry)

WORK EXPERIENCE

Cone (YC S22) |Hyderabad, India|Remote   07/2023 – Present
Founding Frontend Engineer
- Own frontend architecture and technical strategy across two production applications (~660k LOC) in a 5-engineer startup, partnering directly with founders on roadmap and product decisions.
- Architected and led end-to-end development of the proposal creation and signing platform (WYSIWYG + PDF), enabling the company's core product offering.
- Re-architected the proposal PDF generation pipeline by consolidating rendering into a single shared source, reducing generation time by 60%, eliminating development overhead and establishing consistency.
- Designed and implemented a scalable Role-Based Access Control framework governing routes, UI components, and API access, enabling fine-grained permissions and reducing authorization complexity across the product.
- Led migration from Create React App to Vite (~90% faster startup) and restructuring into an Nx monorepo with shared libraries, improving scalability, build reliability, and developer velocity.
- Proposed and implemented in-house alternatives to third-party tools during budget constraints, reducing recurring costs by ~$2,000/month while maintaining feature parity.

Simpl|Bangalore, India|Remote   11/2022 – 06/2023
Software Engineer
- Identified a competitive gap in the purchase funnel and led the design and development of a custom Shopify integration that bypassed competing payment apps, capturing ~90% of traffic, increasing total transactions by almost 60%.
- Enhanced checkouts by integrating QR and UPI payments, achieving 20% increase in successful transactions.
- Migrated the frontend from Sapper to SvelteKit, reducing build times from ~10 minutes to ~5 minutes and decreasing bundle size by ~20%, improving performance and developer iteration speed.

Dukaan|Bangalore, India|On-site   04/2022 – 10/2022
Software Engineer
- Established frontend development standards by authoring coding guidelines and implementing automated linting and formatting tooling, setting consistent engineering practices across the team.
- Core member of the team that designed and built a Shopify-Liquid–inspired templating framework powering storefronts, enabling other engineers to rapidly develop stores and improving load times by ~50%.

Josh Technology Group|Gurugram, India|Remote   02/2021 – 04/2022
Software Engineer
- Designed and built a reusable React + TypeScript component library on top of Material UI, improving UI consistency and reducing duplication across applications.
- Led the migration and frontend revamp of a legacy Ionic/AngularJS application to a modern architecture, coordinating a small team of engineers and improving maintainability, performance, and long-term scalability.

EDUCATION

Jaypee University of Information Technology, India — B.Tech, Computer Science   07/2017 - 01/2021