Maitrish Mukherjee

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Senior Frontend Engineer | Ex-SDE-1 at MathonGo (1M to 2.5M users) | Founding Engineer at ChqMe | MCA @ IIT Patna

Education

Indian Institute of Technology (IIT) Patna — Jun 2025 – Present
Master of Computer Applications (MCA) — Patna, Bihar

Bangalore University — Jun 2017 – Aug 2021
Bachelor of Computer Applications (BCA) — Bengaluru, KA

Experience

Senior Frontend Engineer (Founding Engineer) — Aug 2025 – Present
CheckMe Commerce Pvt. Ltd., Ahmedabad, GJ — chqme.com | book.chqme.com | experienceos.chqme.com | ops.chqme.com

- Architected and built **10+ production Next.js (14–16) frontends** from scratch as sole engineer for first 4 months — consumer booking platform, multi-role admin console, and partner ops portal — serving **20,000+ customers** at **25%+ demo-to-purchase conversion**.
- Owned complete frontend architecture, system design: microfrontends with TurboRepo, shared component library with Shadcn/ui and TailwindCSS, redux, React Query, and TypeScript across all applications.
- Built complex multi-stage booking flows across **7 order types**, real-time ZegoCloud WebRTC video integration, Razorpay payment flows, and live order status tracking — complete frontend ownership end-to-end.
- Engineered performance-first frontend infrastructure — SSR and SSG strategies, route-based code splitting, lazy loading, and dynamic imports achieving sub-2s load times across all consumer-facing surfaces.
- Implemented RBAC-driven UI across **4 user segments and 9 role types**, for multi-tenant SaaS mode.
- Onboarded global brands including **SharkNinja, EcoFlow, and Nester**; set frontend coding standards, architected CI/CD via GitHub Actions, and hired, onboarded and mentored engineers onto the codebase.

SDE-1 (Frontend Engineer) — Jul 2024 – Aug 2025
MathonGo, Bengaluru, KA — mathongo.com | app.quizrr.in | JEE College Predictor

- Led migration from Create React App (Node 16) to Vite (Node 22) with TurboRepo monorepo — 93% faster builds, 50% faster page loads, 21% smaller bundle size.
- Overhauled test-taking flow, analysis dashboard; frontend improvements directly contributed to platform growth from **1M to 2.5M students**.
- Built JEE Main College Predictor feature, got **400K+ users within 48 hours** of launch.
- Integrated WebEngage event tracking and A/B testing across onboarding and test flows, driving 28% increase in test completions and 35% increase in Test Analysis engagement.
- Achieved 95+ Lighthouse scores across Performance, SEO, and Best Practices via code-splitting, lazy loading, SSR, and route-based dynamic imports.

React Developer — May 2023 – Aug 2023
Codebuddy Pvt. Ltd., Kolkata, WB — codebuddy.co

- Delivered two production client platforms in 3 months using Next.js SSR and SWR caching — 45% faster load times with zero stale data issues.
- Implemented route-level code-splitting and lazy loading, reducing TTFB from 1.3s to 750ms. Maintained 6-hour PR turnaround with 5+ production deploys per week.

UI Developer — May 2022 – May 2023
FWC Inc., Bengaluru, KA — fwc.co.in

- Built HR SaaS frontend with role-based access control — 3 distinct dashboards (Admin, Manager, Recruiter), 20+ screens, 40+ REST API integrations.
- Developed 8+ real-time data visualizations using Chart.js and Firebase for company performance tracking; optimized page load from 3.4s to 1.8s.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
Frontend: React, Next.js 14–16, Vite, TurboRepo, TailwindCSS, Zustand, Redux Toolkit, React Query, Shadcn/ui
Backend: Node.js, FastAPI, SQLAlchemy, PostgreSQL, REST APIs, Pydantic
Cloud & DevOps: AWS (EC2, ALB, RDS, S3, WAF, SES, Route53, IAM), Docker, GitHub Actions
Integrations: Razorpay, ZegoCloud, WebRTC, Google Maps, WebEngage, Microsoft Clarity