Maoqiang Zheng

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Skills

Languages: TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3
Frontend Ecosystem: React, Next.js, Redux, TanStack Query, Immer, Electron
Backend & API: Node.js, Koa2, PostgreSQL, Prisma ORM, RESTful API Design
DevOps & Performance: Docker, GitHub Actions, Electron, Jest

Experience

Software Engineer, Boostcamp – New York, NY (Remote)   Feb 2023 – Dec 2025

- **Elevated Lighthouse performance scores from 50 to 90+** by implementing advanced Next.js rendering strategies (**SSR, SSG, and ISR**), significantly optimizing Core Web Vitals and organic search rankings (SEO)
- **Architected a complex Workout Creator and Management system**, leveraging **Immer** to manage deeply nested immutable states, ensuring bug-free data manipulation and high-performance UI updates
- **Scaled user subscription and authentication modules to support 500,000+ users,** architecting **Stripe Webhook** event handlers on the backend to ensure robust payment synchronization and subscription lifecycle management

Software Engineer, Compass – New York, NY (Remote)   Dec 2021 – Jan 2023

- **Scaled the core property listing infrastructure** to support **18% of ni** top performing