

Rokibul Hasan Rokib

Full-Stack Software Engineer

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Technical Skills

Core: JavaScript (ES6+), TypeScript, React, Next.js, Node.js, Express.js, PostgreSQL, MongoDB, Redis

API/Auth & Frontend: REST API Design, JWT Authentication, Tailwind CSS, TanStack Query, Zod

Tools & AI: Git/GitHub, Docker, Postman, Vercel, Linux/macOS, Terminal, ChatGPT/Codex, GitHub Copilot, Claude Code

Experience

Web Developer, Programming Hero (Remote)

March 2024 – Present

- Designed, developed, and maintained full-stack product features for a production edtech platform serving **50,000+ total learners and 20,000+ active users** using Next.js, TypeScript, Tailwind CSS, Express.js, MongoDB, and Redis.
- Improved API reliability and performance by implementing **Redis caching**, restructuring endpoint logic, and optimizing high-cost database queries to **reduce latency and improve throughput**.
- Built and shipped learner-facing modules including **certificate generation, poster generation, video playback optimization, and leaderboard/ranking** workflows for high-volume user engagement.
- Contributed across the full **sprint lifecycle** by clarifying requirements with product/design teams, implementing features, reviewing pull requests, and resolving **pre-release and production defects**.

Senior Web Instructor, Programming Hero (Remote)

June 2022 – February 2024

- Delivered **10+ weekly live classes** (2+ hours each) on JavaScript, React, Node.js, and Express, guiding beginner and intermediate learners through core concepts and hands-on implementation.
- Taught **5 cohorts** of **4,500+ learners** each (22,500+ total learners) in a structured, project-based learning environment.
- Designed and delivered **12+ assignments per cohort** and supported learners across **40+ practical projects** to strengthen real-world development skills.
- Provided hands-on mentorship and debugging support, improving learner confidence, code quality, and project delivery outcomes.

Projects

QuickHire - Full-Stack Job Board Platform

[Live](#) | [Frontend](#) | [Backend](#)

- Developed a multi-role job platform with **React 19, Vite, Tailwind CSS, Express.js, and MongoDB**, supporting separate candidate and admin experiences.
- Implemented core product features including **JWT auth (access/refresh), role-based authorization, protected admin routes, job CRUD, application tracking, and search/filter/pagination APIs**.
- Structured the codebase using modular frontend features and backend service layers to improve maintainability and development velocity.
- Used **AI development tools (ChatGPT/Codex and GitHub Copilot)** to speed up UI/API implementation, schema validation, debugging, and test scaffolding while maintaining clean, modular code.

Focus Tracker - Full-Stack Productivity Platform

[Live](#) | [Github](#)

- Engineered a full-stack productivity application using **Next.js, Express.js, PostgreSQL, and Redis** to support structured focus sessions and long-term habit consistency.
- Developed core engagement features including **streak tracking, gamification mechanics, and chart-driven progress analytics** to provide users with actionable performance insights.
- Implemented a modular frontend-backend architecture to improve maintainability, scalability, and development speed.
- Implemented a containerized development workflow with **Docker** and deployed the production stack on **Vercel**, enabling reliable releases and streamlined delivery.