

Hamzah Ahmad

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Summary

Frontend Software Engineer with 4+ years of experience building scalable, high-performance web applications using React and Next.js. Experienced in designing data-intensive user interfaces, optimizing client-server state management, and collaborating on backend API design and database modeling. Actively expanding into full-stack ownership with hands-on experience in Node.js, relational databases, and production-ready backend systems.

Experience

Software Engineer, Bond April 2025 – Present

- Lead frontend architecture for a data-intensive platform, optimizing rendering performance and server-state synchronization for complex datasets.
- Designed a scalable state management strategy using TanStack Query for server-state caching and Redux Toolkit for predictable client state.
- Reduced redundant network requests and improved perceived performance through cache hydration, background refetching, and optimistic updates.
- Collaborated with backend engineers to refine API contracts and improve data consistency across services.

Frontend Engineer II, Blast.gg April 2022 – March 2025

- Spearheaded development of a React-based platform supporting 80,000+ active users, focusing on scalability and performance optimization.
- Architected reusable component systems and improved bundle efficiency, reducing load times.
- Designed and implemented an internal admin dashboard using React Query, improving operational workflows.
- Established unit and integration testing standards using Jest and React Testing Library, increasing deployment confidence.

Full-Stack Next.js Developer, Ubertalent.io – Part-time Contract Nov 2023 – July 2024

- Architected and developed a production-ready full-stack application using Next.js and Prisma.
- Designed relational database schemas and optimized queries for scalability.
- Implemented secure authentication flows and protected API routes.
- Balanced rapid feature delivery with long-term maintainability in a contract environment.

Software Engineer, Stexity Aug 2021 – April 2022

- Developed scalable web applications using React and Node.js across multiple client industries.
- Contributed to backend API design and database modeling to improve reliability.
- Mentored 3 junior engineers through code reviews and architectural discussions.

React Developer, FitSW Jan 2021 – March 2021

- Led migration from a legacy PHP/HTML system to a modern React SPA architecture.
- Implemented Redux-based state management and modular UI systems.
- Integrated interactive data visualizations to surface actionable analytics.

Top Rated Freelancer, Upwork

- Delivered high-impact React and Node.js projects for diverse clients.
- Earned Top Rated status through consistent technical delivery and client satisfaction.

Portfolio

<https://hamzah-ahmad.vercel.app/>

Education

Western Governors University, BS in Computer Science

2019

Technologies

Frontend: React, Next.js (SSR, Server Components), TanStack Query, Redux Toolkit, TailwindCSS, Zod

Backend: Node.js, Express.js, NestJS

Databases: PostgreSQL, MongoDB

ORMs: Prisma, TypeORM, Mongoose

Testing: Jest, React Testing Library, Cypress, MSW

DevOps / Infrastructure: Docker, AWS, GitHub Actions