

TALEB ABDELHAMID

Software Engineer

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SUMMARY

Software engineer with **3 years of hands-on experience** building high-performance user interfaces, optimizing web functionality that **improves data retrieval** and enhancing user experiences. Proven ability to **quickly acquire new knowledge, adapt to evolving technologies**, and adept at delivering scalable web applications while **maintaining clean and maintainable code**.

PROJECTS EXPERIENCE

Freelance Platform

12/2023

- Develop a large gig platform with intelligent **multi-step wizard form validation with dynamic field** dependencies for gig creation, involving **deep relational database design** and optimizing the UI to handle dynamic fetching.
- **Implemented streaming parallel components** while fetching data, ensuring a faster, more responsive user interface, resulting in a **30% reduction in load time** and improved interactivity during data processing.
- Enhanced application performance by **implementing static page generation for cacheable content**, resulting in 70% reduction in server load and **65% improvement in Time to First Byte**.
- **Optimized database queries** and data flows to reduce API latency, resulting in a 20% faster server load.
- Developed core features of **real-time messaging using WebSockets** for smooth communication, efficiently handling complex relationships between tables to **improve data retrieval** and performance.
- Enhanced **code quality and maintainability** by applying **best practices**, reducing complexity, **improving scalability and reusability**.

Social Media Platform

03/2022

- **Developed a scalable and interactive platform** supporting **user profiles, post creation, and real-time messaging**.
- **Implemented multi-factor authentication system** with **email and SMS verification, Engineered JWT-based authentication** with robust refresh token mechanism rate limiting to prevent brute force attacks.
- **Integrate WebSockets for real-time chat**, improving user engagement with **instant messaging and notifications, achieving 99.9% message delivery rate**.
- **Developed complex filtering system with dynamic query building** and **implemented advanced pagination with cursor-based navigation patterns**.
- **Resolved bugs** and enhanced maintainability, ensuring a seamless user experience across all devices.

E-commerce Platform

07/2021

- **Improved SEO** by optimizing static content delivery and **developing efficient server-side rendering** patterns, **resulting in a 55% improvement in Time to First Contentful Paint**.
- **Integrated WebSockets for real-time inventory updates and order notifications**, improving user engagement and operational efficiency, enhancing customer satisfaction and reducing order conflicts.
- Developed a comprehensive order management system for admins, **streamlining order fulfillment** processes.
- **Implemented secure payment processing system** using **Stripe** webhooks with **99.9% transaction** success rate.

EDUCATION AND ADDITIONAL SKILLS

Data Structures & Algorithms

Solved over 1,400 LeetCode problems across various difficulty levels, showcasing strong problem-solving skills and algorithmic thinking, including advanced topics like dynamic programming, graph traversal, and tree structures.

Cybersecurity Training

I did 6-month program covering fundamental cybersecurity concepts and practices, providing hands-on experience with security tools and techniques applicable to web development.

Master's Degree in Applied Language (English):

Conducted research on technical writing and documentation in software development.

SKILLS

ReactJs, NextJs (Server components, Server Actions, Streaming), Nodejs, TypeScript, GraphQL, Express JS, Express Session, Passport, PostgreSQL, MongoDB, Supabase, TypeORM, Mongoose, Prisma, Redux, Zustand, Jotai, React Query/ SWR, Unit Testing, Tailwindcss, Styled Components, Sass

LANGUAGES

English (Proficient)

French (intermediate)

Arabic (Native)