

Ramoul Ahmed Akram

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Constantine, Algeria - 25003

OBJECTIVE

Frontend Developer specializing in Next.js & React. Passionate about building performant, scalable applications and improving user experience. Aiming to contribute to innovative projects at the intersection of user experience design, performance optimization, and practical problem-solving in fields such as interactive web applications, scalable frontend systems, and cutting-edge UI/UX development.

EDUCATION

• University of abdelhamid mehri constantine 2

Master's in Computer science

september 2019 - june 2024

Constantine, Algeria

PROJECTS

• Rich Text Editor with Real-time Collaboration: Feature-rich Text Editing Platform

January 2025

Tools: Next.js 15, TailwindCSS, Shadcn UI, Vercel



- Built a responsive and intuitive rich text editor with comprehensive text formatting tools.
- Implemented real-time collaboration with cursor tracking, comments, and mentions.
- Designed a notification system to alert users of updates and mentions in real-time.
- Supported document templates, margin controls, and formatting preservation for efficient workflows.
- Added features for undo/redo history, table support, and image uploads.
- Enabled export options in multiple formats, including PDF, HTML, TXT, and JSON.
- Incorporated user profiles and organization workspaces with invitation-based access.
- Secured the platform with robust authentication mechanisms.
- Deployed seamlessly on Vercel for high availability and optimized performance.

• Form Builder Full stack responsive form builder

August - 2024

Tools: TypeScript, Nextjs, PostgreSQL, JavaScript, TailwindCSS, shadcn, GitHub, Vercel



- Built an interactive drag-and-drop form builder with real-time database storage.
- Optimized database queries, improving form load times by 35
- Secured user sessions with Clerk authentication.
- Designed a modern, responsive UI with TailwindCSS and Shadcn UI, including a light and dark mode toggle.

• Real-Time Messenger Clone: Full-Stack Chat Application

August 2024

Tools: Next.js 13, React, Tailwind CSS, Prisma, MongoDB, NextAuth, Pusher, Cloudinary



- Developed a real-time messaging system with Pusher for group and one-on-one chats.
- Integrated Google and GitHub authentication using NextAuth for secure login.
- Implemented user profile customization, online/offline status tracking, and message read receipts.
- Added file and image uploads with Cloudinary CDN, ensuring full responsiveness across devices.
- Utilized React Hook Form for form validation and React Toast for error handling and notifications.

• Digital Marketplace: Interactive E-Commerce Platform

September 2024

Tools: Next.js, TypeScript, TailwindCSS, Shadcn UI, Zustand, Tiptap, Uploadthing, Prisma, Kinde, Zod



- Built a user-friendly marketplace with smooth navigation and interaction using Next.js and TypeScript.
- Implemented global state management with Zustand for efficient and lightweight data handling.
- Integrated Tiptap for rich text editing, allowing customizable and user-friendly product descriptions.
- Developed secure file upload functionality using Uploadthing for image uploads.
- Optimized database queries with Prisma and implemented secure user authentication using Kinde.
- Ensured data integrity and input validation with Zod for a reliable user experience.

SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML, CSS, PHP, Python
- **Frontend:** React, Next.js, TailwindCSS, Shadcn UI, Zustand, Tiptap
- **Backend:** Node.js, Express.js, Prisma, Drizzle, NextAuth, Clerk
- **Databases:** PostgreSQL, MySQL, MongoDB
- **DevOps & Tools:** Docker, Git, Upstash, PostHog (Analytics), Sentry (Error Tracking)
- **Specialties:** Full-Stack Development, Performance Optimization, Real-Time Applications, Scalable UI/UX
- **Specialized Area:** Full-Stack Development, Real-Time Applications, Responsive Web Design, Authentication and Security
- **Other Tools & Technologies:** Git (version control), Prisma (ORM), Drizzle (ORM), Docker, Upstash, PostHog (Analytics), Sentry (errors/metrics)