Ramoul Ahmed Akram

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Constantine, - 25003, Algeria

OBJECTIVE

Seeking a challenging position in web development to leverage my expertise in React.js, Next.js, and modern frontend technologies. 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** *september 2019 - june 2024*
  Master's in Computer science 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,shadcdn, GitHub, Verce
  ◦ Developed a dynamic form builder with a drag-and-drop interface using DND-kit for easy customization.
  ◦ Implemented database integration with PostgreSQL and Prisma ORM for storing and fetching user forms.
  ◦ Secured user access and sessions with Clerk for robust authentication.
  ◦ Optimized database queries to ensure fast and efficient rendering of forms.
  ◦ 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:** proficient in Javascript, HTML, PHP, CSS, previous experience in Python
◦ **Frameworks:** React, Next.js, Node.js, Express,
◦ **Database Systems:** SQL, MySQL, PostgreSQL, MongoDb
◦ **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)
◦ **Soft Skills:** Time Management, Teamwork, Communication, Problem Solving, Leadership, Accountability.