BASIR AHMAD

Full Stack Web Developer

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SUMMARY

Full Stack Developer (MERN) with **1+ year of hands-on experience** building and deploying **scalable web applications** using **React.js, Next.js, Node.js, Express.js, and MongoDB**. Strong in **JavaScript (ES6+), TypeScript, HTML5, and CSS3**, with experience developing **responsive, SEO-friendly user interfaces**. Skilled in building **reusable frontend components**, **secure RESTful APIs**, and implementing **authentication using JWT and NextAuth.js**. Experienced in **database schema design, CRUD operations, and query optimization**, with end-to-end ownership from **frontend to backend to deployment**. Comfortable integrating **third-party services** and deploying applications on **DigitalOcean, Vercel, and Render** using **Git and GitHub**.

EDUCATION

Ambedkar Delhi Skill and Entrepreneurship University, Shakarpur, Delhi, India   2022–2025
Bachelor of Computer Applications (BCA)

SKILLS

- **Programming Languages & Web Technologies:** HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Frontend Development:** React.js, Next.js, Redux, Component-based architecture, Tailwind CSS, Bootstrap, Shadcn UI, Responsive UI & cross-browser compatibility, Basic SEO & accessibility, Figma to code implementation
- **Backend Development:** Node.js, Express.js, REST API development & integration, Socket.IO (real-time communication), JWT & NextAuth.js authentication, Server-side logic & API security performance optimization
- **Databases:** MongoDB, Mongoose, CRUD operations & schema design
- **Testing & Debugging:** Postman (API testing), Familiarity with React Testing Library and Vitest
- **Tools & DevOps:** Git, GitHub (version control & collaboration), Digital Ocean, Vercel, Render (deployment)
- **Additional Skills:** Problem-solving, Form validation using Zod and React Hook Form

PROJECTS

Prime Play - Video Sharing Platform (MERN / Next.js)

- **Developed a full-stack video sharing platform** using **Next.js, Node.js, Express, and MongoDB**, integrating **10+ core features** across **frontend and backend**, with emphasis on **scalable architecture**, **smooth user interactions**, and **efficient data processing**.
- **Implemented secure authentication and profile management** using **JWT-based token sessions** and **Redux**, supporting **protected routes**, **persistent login**, **session validation**, and **secure access control** across the application.
- **Built** and **optimized RESTful APIs** for **video upload and engagement metrics** using **optimized queries and caching**.
- **Implemented** a **real-time notification system** using **Socket.IO** with **event-based architecture** and **user-specific rooms**.
- **Designed and deployed** a **high-performance video upload** and **streaming workflow** using **Cloudinary** for **secure media storage**.
- **Deployed and managed the backend on DigitalOcean**, ensuring **reliable API availability**, **server stability**, and **scalability**.
- Achieved Lighthouse scores of **95/100 Performance, Accessibility, Best Practices, and SEO**, with **FCP 0.3s, TBT 0ms, CLS 0.005**.
- **Built a responsive, SEO-optimized UI with accessibility focus**, improving mobile usability and overall user experience.
- **Applied robust form validation** using **Zod and React Hook Form**, ensuring consistent and reliable input handling.

Live: https://primeplay-app.vercel.app
GitHub: https://github.com/thebeliever1812/prime-play

Ghost Message - Secure Anonymous Messaging Platform (Next.js, TypeScript)

- Developed a full-stack anonymous messaging platform using **Next.js**, **React**, and **TypeScript**, integrating **7+ key features** for seamless **message creation**, **delivery**, **privacy control**, and **real-time user interaction**.
- Implemented secure **user authentication** and **email verification** using **NextAuth.js** and **Nodemailer**, ensuring **100% verified users** before accessing any **core messaging features**, while maintaining strong **account integrity** and **data protection**.
- Enabled users to **receive** and **manage anonymous messages** through unique **profile links**, with advanced **privacy controls** and **instant message delivery** powered by **serverless API routes** for seamless and reliable performance across devices.
- Integrated **AI-powered** message suggestions using the **Google Gemini AI API**, delivering relevant content in under 1 second.
- Built responsive, modern UI with **Tailwind CSS** and **Shadcn UI**, achieving a score of **100 in SEO, Performance, and Accessibility**.
- Leveraged **MongoDB** and **Mongoose** for scalable data storage, ensuring data privacy and secure message handling.
- Applied robust **form validation** using **Zod** and **React Hook Form**, maintaining a 0% error rate in validation submission.
- Deployed efficiently on **Vercel** with **scalable architecture**, maintaining **rapid load times** verified by **Lighthouse metrics**: **First Contentful Paint 0.3s, Largest Contentful Paint 0.4s, Speed Index 0.4s, Total Blocking Time 0ms**, and **Cumulative Layout Shift 0**.

Live: https://ghost-message-eta.vercel.app
GitHub: https://github.com/thebeliever1812/ghost-message