

Hmad Afzal

+92 327-9140214 · contact@hmad.codes

Github: [@HmadAfzal](#) · **LinkedIn:** [/hmad-afzal](#) · **Portfolio:** [www.hmad.codes](#)

FULL STACK DEVELOPER

Full Stack developer with 1.5+ years of experience in front and back-end development, Frameworks and managing Database.

KEY COMPETENCIES

- **Frontend:** Modern HTML, CSS, JavaScript, TypeScript, React.js, Context API, State Management, Redux Toolkit, Zustand, Tailwind CSS, Framer Motion
 - **Backend:** Node.js, Express, Next.js, API Development (REST, GraphQL, tRPC), Database Query Building (Prisma, TypeORM) API Validation & Type Safety (Zod), Caching Strategies (Redis, React Query)
 - **Data pipelines:** Database Design (PostgreSQL, MongoDB), Data Modeling & Schema Design, API Integration & ETL Processes, Real-time Data Processing (WebSockets, Server-Sent Events)
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PROFESSIONAL EXPERIENCE

Nuexus Technologies

Full stack developer

Sep 2024 - Present

Building web apps using modern tools like React and Next.js. Led the development of the company's official website, implementing server-side rendering for enhanced SEO and integrating a headless CMS for streamlined content management. Mentored junior developers, established coding standards, and introduced Agile methodologies, significantly improving team productivity and code quality.

Devsinz

MERN Stack Intern

Aug 2024 - Sep 2024

Worked remotely to build a job portal using the MERN stack (MongoDB, Express.js, React, Node.js). Created features for job listings, user profiles, and job applications. Learned how to work with a team online and solve problems independently. Improved skills in building full-stack web apps and working with databases.

PERSONAL PROJECTS

Feedback.In [\[Link\]](#)

[\[Source\]](#)

Developed a SaaS platform to simplify the collection and embedding of feedback and testimonials directly onto websites. The product offers effortless customization and seamless integration, eliminating the need for coding expertise.

Main Tools Used: Next.js, TypeScript, MongoDB, Cloudinary, Vercel

Metaverse 2D App

[\[Source\]](#)

A monorepo project building a 2D metaverse app with real-time interactions. Integrated a WebSocket server to handle live user movements, interactions, and space updates. Designed an HTTP server for REST API endpoints to support user authentication, space creation, and data management. The platform includes admin functionalities for managing metaverse spaces and ensures a responsive user interface.

Main Tools Used: Turborepo, Websocket, TypeScript, PostgreSQL, Prisma

[View More on GitHub ->](#)

EDUCATION

Bs Artificial Intelligence | Islamia University of Bahawalpur

2023 - 2027