

Mohammed Babar Tahseen

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PROJECTS

- **GrammyAI AI Tone-Consistent Content Generator** *Next.js, Bun, React, Prisma, Tailwind, Vercel, Perplexity API*
 - **AI Writing Tool:** Built an AI writing tool that maintains a user's tone and generates platform-specific content for LinkedIn, X, Instagram, and blogs.
 - **AI Pipeline:** Designed a modular AI pipeline using Perplexity API for tone extraction, rewriting, and platform formatting.
 - **Performance:** Implemented schema validation, optimized caching, and Bun runtime improvements reducing inference latency by 35%.
 - **Deployment:** Deployed using Vercel serverless functions with Prisma ORM for reliable and scalable data workflows.
- **Full Stack Landing Pages** *Next.js, React, Tailwind,*
 - **Development:** Developed responsive, SEO-optimized landing pages and personal portfolios for clients.
 - **Features:** Integrated animations, email systems, custom components, and accessible UI layouts.
 - **Performance:** Achieved consistent Lighthouse scores between 95–100 for performance and accessibility.
- **API Automation & Backend Tools** *Node.js, ExpressJs, FastAPI, Docker, PostgreSQL, MongoDB*
 - **REST APIs:** Built robust REST APIs with authentication, rate limiting, validation, and modular controllers.
 - **Containerization:** Containerized backend systems with Docker Compose for development and deployment.
 - **Automation:** Created automation scripts for cron tasks, analytics processing, and internal tooling.

EXPERIENCE

- **Freelance Full-Stack & AI Developer** *May 2025 – Present*
Independent Remote
 - **Full-Stack Development:** Delivered full-stack applications, portfolios, landing pages, and backend APIs for multiple clients.
 - **AI Integration:** Integrated AI powered functionalities including tone aware content generation and workflow automation.
 - **Backend Systems:** Built containerized backend environments with Docker and optimized database performance on Postgres and MongoDB.
 - **API Reliability:** Improved API reliability using rate limiters, middleware patterns, and production monitoring.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, C, C++, SQL, HTML, CSS
- **Frameworks:** React, Next.js, FastAPI, Prisma, Node.js, Express, Tailwind
- **Developer Tools:** Git, Docker, Github, Neovim, tmux, VS Code, Zed, Bun, Postman
- **Databases:** PostgreSQL, MongoDB, Neon
- **Cloud:** AWS, Cloudflare, Vercel

EDUCATION

- **Muffakham Jah College of Engineering** *Hyderabad, IN*
Bachelor of Engineering in Computer Science. GPA: 8 *Nov 2023 – Aug 2027*