Hamza Nafasat

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SUMMARY

Full-stack developer with 3 years' experience building responsive React and Next.js front-ends and secure Node.js and Nest.js back-ends on MongoDB or MySQL, driven to solve challenges and deliver maintainable solutions.

EXPERIENCE

Acme Digital Solution   01 2024 – 04 2024
Full-Stack Developer (Junior , on site)   *Lahore, Pakistan*
- Designed and developed full-stack web applications, utilizing front-end, back-end, and full database expertise.
- Ensured security through robust measures including secure authentication, authorization, and data encryption.

Tetra Technologies   04 2024 – **present**
MERN Stack Developer (Senior , on site)   *Lahore, Pakistan*
- Create and optimized backend services for robust applications, significantly boosting system performance.
- Leveraged modern development tools and agile methodologies to streamline workflows and enhance productivity.

PROJECTS

Nodebase — Workflow Automation ⬈ | Next.js, React Flow, Prisma, Inngest, OpenAI, Gemini, tRPC   2025
- Built a full-stack workflow automation platform inspired by n8n and Zapier, featuring a visual drag-and-drop workflow builder using React Flow.
- Implemented trigger and action nodes including Webhooks, Google Forms, Stripe, HTTP requests, messaging integrations, and AI-powered nodes with encrypted credentials.
- Designed a scalable execution engine with background job processing via Inngest, variable resolution, templating, execution history, and error tracking.
- Developed a production-ready SaaS architecture with authentication, subscriptions, role-based access, and payments using Better Auth, Polar, Prisma ORM, Neon Postgres, and tRPC.

Echo — B2B AI Customer Support ⬈ | Next.js, Convex, VAPI, OpenAI, AWS, Clerk, ShadCn, tRPC   2025
- Built a production-ready B2B AI customer support platform featuring real-time AI chat agents, voice-based support, and intelligent conversation handling with human handoff and auto-resolution.
- Implemented a smart knowledge base using embeddings and Retrieval-Augmented Generation (RAG) to enable AI-powered document search and contextual responses.
- Developed an embeddable support widget, operator dashboard, team and workspace management, authentication, and subscription billing using Clerk.
- Integrated multi-model AI support (OpenAI, Anthropic, Grok), background workflows, secure API key storage with AWS Secrets Manager, and production error tracking with Sentry in a Turborepo monorepo setup.

MeetAI — AI-Powered Video Call ⬈ | Next.js, StreamIo, OpenAI, Inngest, Drizzle, Neon, tRPC   2025
- Developed an AI-powered video conferencing platform with real-time video calls, custom AI agents, and post-call AI interactions including summaries, transcripts, and contextual Q&A.
- Integrated Stream Video and Chat SDKs for low-latency video meetings, messaging, recording playback, and real-time agent participation.
- Implemented background job processing with Inngest for transcript generation, AI summarization, and meeting completion workflows.
- Built a complete SaaS system with authentication, subscriptions, meeting history, transcript search, and mobile-responsive UI using Better Auth, Polar, Drizzle ORM, and Neon Postgres.

SKILLS

Languages: Javascript, Typescript, Python (basics), Php (basics)
Frontend: HTML, CSS, SASS, Tailwind, MUI, ReactJs, NextJs, Redux Toolkit, Chart.js, tRPC
Backend: Node.js, Express, MongoDB, MySQL, Postgres, Drizzle, Prisma, Sockets, Redis, Stripe, FastAPI

Cloud Computing: AWS (basics), Docker, Render, Vercel, Ubuntu
Soft Skills: Problem-solving, Hard-working, Creativity, Adaptability, Critical thinking, Communication Skills

EDUCATION

Islamic University Mukarram Mosque, Gujranwala   2014 -2019
Master in Islamic Studies   *Gujranwala, Pakistan*