Syed Monis Sarwar

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EDUCATION

Babu Banarsi Das Institute of Technology and Management Uttar Pradesh, India
Bachelor of Technology in Computer Science and Engineering 2024 – 2028

Anand Bhawan School Uttar Pradesh, India
Senior Secondary (Class XII) 2022 – 2023

PROJECTS

AskAI — Personal AI Assistant Live | GitHub
TypeScript, Next.js, OpenAI Realtime API, Stream Video SDK, Radix UI, Drizzle ORM, Neon, Inngest, Vercel

– Built a Next.js platform for designing AI agents and conducting real-time video conversations.

– Implemented low-latency streaming using Stream Video SDK integrated with OpenAI Realtime.

– Orchestrated background workflows and webhooks with Inngest; added structured observability using OpenTelemetry.

– Deployed globally using serverless Postgres (Neon), Drizzle migrations, and Vercel.

FolderMage — Smart File Organizer (In Development) GitHub
Fastify, Drizzle ORM, Redis/BullMQ, Next.js, Electron, Docker, PM2

– Built a cross-platform file manager with a Fastify REST API, Next.js dashboard, and Electron desktop app.

– Implemented deep directory scanning, automated categorization, SHA-256 duplicate detection, and undoable history.

– Productionized the system using Docker Compose, PM2, secure configuration, and cross-platform packaging.

Beats Generator — AI Music Generator Live | GitHub
React, TypeScript, Gemini API

– Built an AI-powered music generator that creates beats from natural-language prompts.

– Integrated the Gemini API for dynamic, context-aware music generation.

– Designed a vinyl-inspired UI with smooth animations and a modern visual aesthetic.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, SQL
Frontend: React, Next.js, Tailwind CSS, TanStack Query, Framer Motion
Backend & APIs: Node.js, Express, GraphQL
Databases & ORMs: PostgreSQL, MongoDB, Drizzle, Prisma
Infrastructure & Deployment: Docker, Vercel
Version Control & Tooling: Git, GitHub