Shubham Kumar Gupta

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Introduction

I am a full-stack developer with experience in building web applications using Next.js, TypeScript, and Node.js. I specialize in developing scalable SaaS platforms, AI-powered tools, and secure authentication systems. I have a strong understanding of modern web technologies, DevOps practices, and cloud deployment.

Technologies

Frontend: React.js, Next.js, Redux, TailwindCSS, ShadCN UI, Material UI, Framer Motion, Zustand
Backend: Node.js, Express.js, Prisma ORM, REST APIs, GraphQL, NextAuth, Langchain, Firebase
Database: MongoDB, PostgreSQL, MySQL, Redis, Supabase, Appwrite
DevOps: Git, GitHub, Docker
Hosting Deployment: Vercel, Netlify, Render

Work Experience

Freelance Full Stack Developer, BioStrive Energies – Remote   June 2024 – Feb 2025
- Developed a responsive and high-performance website for BioStrive Energies using Next.js, Node.js, TypeScript, and MongoDB.
- Built an admin panel with role-based access control, enabling dynamic content and user management.
- Created a notice system with CRUD operations using Appwrite Storage for real-time announcements.
- Optimized website performance and SEO by implementing Redis caching, browser caching, and efficient asset loading.
- Used Framer Motion to enhance UI with smooth animations and interactive elements.
- Implemented secure JWT authentication with refresh tokens for seamless user sessions.

Projects

CodeX: AI-Powered Collaborative Coding Platform   Live
Tech Stack: Next.js, TypeScript, Node.js, Supabase, Redis, MongoDB, LangChain, ShadCN, NextAuth
- Built a full-stack cloud IDE with Monaco Editor and Piston API for real-time multi-language code execution, attracting 3,000+ visitors and 300+ registered users within the first 10 days
- Developed an AI assistant with Gemini AI and LangChain to provide bug fixes, suggestions, and code optimizations, engaging 80-85 daily active users
- Integrated Supabase for file management, enabling seamless project storage and retrieval
- Created an AI-powered code converter with 90% accuracy for cross-language translation
- Optimized performance with Redis and MongoDB, reducing load times by 40%
- Implemented Redis-based rate-limiting to prevent API abuse and enhance platform stability

BuildMyCV: AI-Powered Resume Builder and Job Analysis Platform   Live
Tech Stack: Next.js, Node.js, TypeScript, LangChain, GenAI, Prisma, PostgreSQL, Firebase, Stripe
- Developed an AI-powered resume builder using Next.js and Node.js, improving resume creation efficiency by 80%
- Integrated LangChain and LLM models for personalized job fit analysis, increasing resume-job alignment accuracy by 60%
- Scraped LinkedIn job postings using Puppeteer to collect real-time job data and analyzed them with AI for personalized job recommendations, improving application relevance by 75%
- Implemented Stripe for a seamless subscription model, leading to a 30% increase in premium user adoption
- Optimized backend performance by 40% through efficient database indexing and query optimization in Prisma and PostgreSQL
- Integrated Firebase for real-time data synchronization, reducing form auto-save latency by 35%

Education

Chandigarh University, Master of Computer Application (MCA)   Aug 2024 – July 2026
- **Location:** Mohali, Punjab

Babu Banarasi Das University, Bachelor of Computer Application (BCA)   July 2021 – Aug 2024
- **Location:** Lucknow, Uttar Pradesh