Yatik Srivastava

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PROFESSIONAL EXPERIENCE

Frontend Developer | *Freelance*   Apr 2024 - Sep 2024
- Designed and built responsive interfaces for a digital agency, improving engagement across devices.
- Boosted user retention through animation enhancements and component optimization.
- Applied performance optimization strategies including efficient asset handling and clean design patterns.

Backend Developer Intern | *SkillMatrix*   Oct 2023 - Jan 2024
- Developed and maintained scalable RESTful APIs with Django Rest Framework.
- Optimized database relationships, strengthening data integrity and accelerating query performance.
- Leveraged Django and Django Rest Framework to architect secure, high-performance backend solutions.
- Deployed applications to the cloud and tuned backend systems for scalability and speed.

PROJECTS

Formers - Live | *Code*
- Engineered a dynamic form builder with drag-and-drop functionality, streamlining form creation and boosting adoption rates.
- Designed a secure and scalable RESTful API to efficiently handle form submissions.
- Structured a modular architecture for form components, improving maintainability and future customization flexibility.
- **Technologies Used** : *Next.js, TypeScript, Prisma, PostgreSQL, Dnd-kit, Clerk*

Zone - *Code*
- An AI companion agent focused on providing detailed, context-aware information based on user queries.
- Implemented Langchain for effective query chaining, document embeddings, and storing vector data in QdrantDB for fast retrieval.
- Built a scalable backend with FastAPI and Python, and a dynamic frontend with React and TypeScript.
- Integrated OpenAI's API to generate accurate and informative responses to user inputs.
- **Technologies Used** : *React, Typescript, Python, FastAPI, Langchain, GenAI, QdrantDB*

Ecommerce + Dashboard & CMS - Live | *Code*
- Built a comprehensive e-commerce platform integrated with a real-time analytics dashboard and CMS for seamless content management.
- Implemented a scalable CMS to enhance administrative efficiency and content accuracy.
- Applied stripe for secure payment processing, reducing transaction failures by **40%**.
- **Technologies Used** : *Next.js, TypeScript, Prisma, PostgreSQL, Stripe*

Chazel - *Code*
- Developed a mobile-friendly real-time chat application supporting one-on-one and group messaging.
- Implemented live message delivery using WebSocket protocol with Socket.io.
- Designed and integrated scalable RESTful backend services with MongoDB for efficient data storage and retrieval.
- Built secure user authentication and authorization using JSON Web Tokens (JWT).
- **Technologies Used** : *React Native, Typescript, NodeJS, ExpressJS, MongoDB, Socket.io*

EDUCATION

Inderprastha Engineering College
Bachelor of Technology in Computer Science Engineering

TECHNICAL SKILLS

Javascript • Typescript • React • React Native • Nextjs • HTML • CSS • MySQL • MongoDB • PostgreSQL • NodeJS • ExpressJS • Python • Django • FastAPI • Machine Learning •Redux • UI/UX • Figma • Docker • Git • AWS • Generative AI • Langchain • RAG Systems • AI Agents • Fine tuning • QdrantDB • Vector Embeddings • HuggingFace