Sean D. Munjal | Software Engineer

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I'm a self-driven, resourceful AI & LLM enthusiast who is currently a Full Stack Software Engineer for a health tech startup. I've been a Founder and Product Manager across various industries which gives me a customer-centric perspective for how I engineer.

Skills:

Languages - TypeScript, Python, JavaScript, HTML, CSS
Libraries & Frameworks - React, Next.js, Node.js
Database/Server/Cloud - Azure, AWS, Firebase, MongoDB, Prisma, tRPC, SQL, Upstash, Pinecone
Proj. Management/Design - Salesforce, Asana, Confluence, JIRA, Slack, Notion, Mixpanel, Figma

Experience:

ELEVATE HEALTH CORP. | New York, NY | **Web App** | **Mobile App**
Full Stack Developer, December 2022- PRESENT

- **Refactored User Interface:** Leveraged React and NextJS to refactor and streamline the user interface, enhancing user experience and achieving a 300% increase in landing page click-through rate.
- **API Integration:** Engineered and implemented RESTful APIs, optimizing response times with Thunder Client.
- **Security Protocols:** Instituted security measures including authentication, authorization, and meticulous data validation at API endpoints to protect user data and maintain system integrity.
- **Semantic Search & AI Innovation**: Pioneered the integration of advanced machine learning algorithms and large language models to enable semantic search capabilities, significantly enriching user interaction and content discoverability.
- **Collaboration and Version Control:** Employed Git for efficient source code management, facilitating collaboration among cross-functional teams and ensuring codebase integrity.
- **Scale-ready Backend Development:** Developed a NodeJS backend connected with MongoDB & AWS (EC2 & S3), catering to an iOS Social Network application with consistent 15% MoM growth.

HATE-READING.COM | San Francisco, CA | [**Live Web App**](Live Web App)

Full Stack Developer, December 2022 - April 2023

- **Full Stack SaaS Platform Development:** Led end to end creation using a modern stack (ShadCN-UI, tRPC, Zod, Prisma), enhancing user experience through a fully TypeScript-driven application
- **Frontend Performance Optimization:** Engineered high-performance frontend features, including an advanced PDF viewer and intuitive drag-and-drop uploads, utilizing UX principles to boost user engagement.
- **Secure Authentication and Subscription Management:** Implemented comprehensive authentication and Stripe integration for secure user management and streamlined subscription processes.
- **AI-Driven Functionality:** Utilized LangChain and vector storage to enhance application capabilities with semantic queries on user documents.
- **Real-Time Data Streaming with UI Updates:** Optimized real-time interactions with streaming API responses and optimistic UI updates.

Ellie.Fit | New York, NY | [**Live Web App**](Live Web App)

Full Stack Developer, Contract (Self Employed)

Independently Engineered AI Audio Fitness Assistant which allows users to speak voice to voice with Large Language Models.
Built with: TypeScript, NextJS, Tailwind, OpenAI, Azure

Education:

GENERAL ASSEMBLY | Software Engineering Certification (2022)

- Logged 400+ hours of full lifecycle software development.
- Collaborated with teams of developers in a project based immersive program to design, implement, and deploy 4 scalable web applications.
- Built competencies in React framework along with web development languages i.e. Python, Javascript, HTML, & CSS, along with storage skills in MongoDB, Django, SQL.