# Sean D. Munjal | Software Engineer

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I'm self-driven and relentlessly resourceful. I've been a Founder, as well as a Product Manager across various industries. My different experiences give me a customer-centric perspective for how I engineer.

## Skills:

**Languages** - JavaScript, TypeScript, Python, HTML, CSS
**Libraries & Frameworks** - React, Next.js, Node.js
**Database/Server/Cloud** - MongoDB, Prisma, tRPC, SQL, Upstash, Pinecone, Azure, AWS, Firebase
**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 & Postman testing.

- **Security Protocols:** Instituted security measures including authentication, authorization, and rigorous 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.

**Founder & COO,** July 2021- December 2022

- Implemented & successfully completed over 75 data-driven OKRs in 18 months that led to the successful launch of a mobile application with over 80 screens utilizing multiple cutting edge technologies in an agile environment.
- Developed and executed company strategy and product roadmap for all zero to one Go-To-Market initiatives.
- Led user experience design while identifying opportunities for enhancements and product innovations by prioritizing our consumers and their feedback.

## Recent Projects:

**DocVersation |** [**Live Web App**](#)

Generative AI SaaS application that allows users to chat with their PDFs.
_Built with:_ OpenAI, Langchain, tRPC, Prisma, SQL, Upstash Vector, KindeOSS, Zod, NextJS, TypeScript, Tailwind

## 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.

### PRE-RESIDENCY INTERNSHIP (2011)

Harvard Medical School: Cardio-Thoracic Surgery

- High Honors, Thoracic Surgery Brigham & Women's Hospital, Boston, MA
- Honors, Cardiac Surgery, Massachusetts General Hospital, Boston, MA

Gurgaon Civil Hospital, Gurgaon, India

### BACHELOR OF MEDICINE AND BACHELOR OF SURGERY, MBBS (MD)

Himalayan Institute of Medical Sciences, _India_