

# Sean D. Munjal | Software Engineer

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Resourceful. Adaptable. Clear communicator. Former medical consultant turned full stack software engineer. Experienced collaborator with design, marketing, product and c-suite stakeholders.

## Skills:

**Languages** - JavaScript, TypeScript, Python, HTML, CSS

**Libraries & Frameworks** - React, Next.js, Node.js

**Database/Server** - MongoDB, Prisma, tRPC, SQL, Firebase, AWS

**Proj. Management/Design** - Salesforce, Asana, Confluence, JIRA, Slack, Notion, Mixpanel, Figma

## Experience:

**ELEVATE HEALTH CORP.** | [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, establishing seamless integration between frontend and backend systems, optimizing data flow and improving application response times.
- **Security Protocols:** Instituted robust security measures including authentication, authorization, and rigorous data validation at API endpoints to protect user data and maintain system integrity.
- **Responsive Design:** Utilized TailwindCSS and responsive design principles to ensure a consistent and user-friendly experience across devices and screen sizes.
- **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, optimized, and scaled a NodeJS backend integrated with MongoDB, catering to an iOS Social Network application with consistent 15% MoM growth.
- **AWS Implementation:** Deployed the application's backend on AWS EC2 instances ensuring high availability and scalability. Incorporated AWS SDK for efficient and secure storage of multimedia content on S3.

## 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:

### DocVersion | [Live Web App](#)

SaaS app that analyzes PDFs allowing users to chat with AI about documents.

Built with: OpenAI, Langchain, tRPC, Prisma, SQL, Upstash Vector, KindeOSS, Zod, NextJS, TypeScript, Tailwind

*(Medical Device Consulting CV available upon request)*

## Education:

### GENERAL ASSEMBLY | Software Engineering Certification (2023)

- 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