

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, XML, CSS

Libraries & Frameworks - React, NextJS, Vue, NodeJS, Redux

Database/Server - MongoDB, SQL, Firebase, AWS

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

Experience:

ELEVATE HEALTH CORP. | [Landing Page](#) [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.
- **User-Centric Design:** Collaborated closely with UX/UI designers to transform designs into functional interfaces, ensuring the product vision aligns with user expectations.
- **Collaboration and Version Control:** Employed Git for efficient source code management, facilitating collaboration among cross-functional teams and ensuring codebase integrity.

- **Performance Optimization:** Adopted advanced frontend techniques such as lazy loading, code splitting, and server-side rendering with NextJS to enhance page load times and overall user experience.
- **Robust Backend Development:** Developed, optimized, and scaled a NodeJS backend integrated with MongoDB, catering to an iOS Social Network application with a consistent 25% 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.

Senior Product Manager, 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 product strategy, roadmap, and vision for Computer Vision ML Pipeline aligning with company goals and the trending direction of AI.
- Led user experience design while identifying opportunities for enhancements and product innovations by prioritizing our consumers and their feedback.

(Medical Device Consulting biodata 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*