

# Sean D. Munjal | Full Stack Developer

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Self-driven, business savvy full stack developer, with a background in product and regulatory management for medical devices and technology. A high energy, high integrity person with battle tested communication and team-building skills as an experienced product leader. Confidently can integrate with product, operations, marketing and C-suite stakeholders.

## Skills:

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

**Libraries & Frameworks** - React, Node.js, Express.js, Socket.io, Redux, Django

**Database** - MongoDB, Mongoose, SQL, PostgreSQL, Firebase, AWS

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

## Experience:

### ELEVATE HEALTH CORP.

#### Full Stack Developer, April 2023- PRESENT

- Developed user-facing website by translating designer's UI/UX wireframes
- Designing and developing RESTful APIs to facilitate communication between front-end and back-end systems.
- Implementing endpoints using Express.js & Django Rest Framework
- Handling authentication, authorization, and data validation within API endpoints.
- Creating Food & Gym-related Machine Learning Models utilizing TensorFlow, PyTorch & CoreML with libraries like OpenCV, ImgAug & Keras.
- Development and optimization of the backend for a live iOS application with MongoDB and Node.js that is growing 75% WoW.
- Using Git for version control and source code management.
- Identifying and fixing bugs and performance bottlenecks.

#### Vice President of Product, July 2021- March 2023

- Implemented & successfully completed over 75 data-driven OKRs in 18 months that led to the successful launch of mobile application with over 80 screens utilizing multiple cutting edge technologies i.e. Machine Learning, Computer Vision, NLP, AI.

- Hired, onboarded and managed 20 employees & contractors across 18 months with a focus on building company culture focused on community, customer feedback and competitiveness to change the world.

## **CRC GLOBAL SERVICES**

**Medical Director**, 2015 - 2020

**Medical Affairs Manager**, 2012 - 2015

- Developed plan of action for clinical evidence generation for regulatory approval and market access for budgets ranging from Fortune 500, Forbes Global 2000, and small-market medical device companies
- Provided technical analysis for development of pre-clinical, and clinical study planning, trial design, trial execution and trial completion (on-site staff training for record retention and post-market transition)
- Trained company & on-site clinical staff on current global Good Clinical Practices (GCP) Standards, analyzing FDA current line of thinking & protocols (21 CFR 803), as well as providing insight into latest EU-MDR changes
- Advised companies on how to develop device protocols, indications, patient follow-ups, criteria for selection of patients, case report forms (CRFs), patient informed consents, and instructions for safe use of the devices.

## **FULL STACK SOFTWARE DEVELOPMENT PROJECTS**

- **Jam | React, Express, Node.js, MongoDB, Mongoose, Socket.io, CSS, Bcrypt, JSON Web Tokens**  
A web app that encourages healthy friendly communication between friends, family and teammates. Similar to Slack & Discord, Jam allows users to create a real time chat-based ecosystem to foster engagement and a sense of community with their various groups!
- **Trip City | Python, Django, HTML, CSS**  
A social travel planner where users can create an itinerary of their trip showcasing various activities they did on their excursion and share them with friends and family.
- **Generate | React, Express, Node.js, MongoDB, Mongoose**  
An Instagram clone with full user authentication and CRUD functionality.

# Education:

## Software Development

### GENERAL ASSEMBLY | Software Engineering Certification

- 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.

## Medical Education

### PRE-RESIDENCY INTERNSHIP

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*