

# Sean D. Munjal | Full Stack Developer

New York, NY | [sean@seanmunjal.com](mailto:sean@seanmunjal.com) | (734) 548-7767 | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

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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 and Frameworks** - React, Node.js, Express.js, Socket.io, Redux, Django, Bcrypt, OAuth, TensorFlow, CoreML, Keras, OpenCV

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

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

## Experience:

### ELEVATE HEALTH CORP.

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

- Pioneering a new camera-utilized segment in consumer health tracking by leveraging artificial intelligence and machine learning to minimize manual data entry that plagues progress tracking for diets and fitness
- Creating Food & Gym-related Machine Learning Models utilizing CoreML & PyTorch
- Development and optimization of the backend for a live iOS application with MongoDB and Node.js that is growing 75% WoW.

**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 over 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.

## RECENT FULL STACK PROJECTS

- **Jam:** 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! Tech **Included:** React, Express, Node.js, MongoDB, Mongoose, Socket.io, CSS, Material UI, Bcrypt, JSON Web Tokens
- **Trip City:** 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. **Included:** Python, Django, HTML, CSS
- **Generate:** An Instagram clone with full user authentication and CRUD functionality. **Included:** React, Express Node.js, MongoDB, Mongoose

# 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*