# Parth Vachhani

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## FULL-STACK DEVELOPER

I'm a Full-Stack Developer pivoting from 2+ years in the medical device manufacturing field. Experience designing web applications with full CRUD capabilities using JavaScript, Node.js, Express, HTML, and CSS. In my previous experience, I've emerged as a leader through my consistent contributions and ability to support my team while making substantial improvements to international compliance standards.

## TECHNICAL & INTERPERSONAL SKILLS

**Languages:** JavaScript, Python, HTML, CSS, Mongoose, EJS, Git Version Control
**Libraries and Frameworks:** Express.js, Bootstrap, NodeJS, React, Tailwind, Django
**Databases and other:** MongoDB, RESTful Routing, Heroku, Netlify, PostgreSQL
**Interpersonal skills:** Adaptability, Collaboration, Communication, Creativity, Problem-Solving
**Hobbies/Interests:** Football, Ultimate Frisbee, Volleyball, Mythology

## TECHNICAL PROJECTS

**StarShop- GitHub | App - JavaScript | React | CSS | MongoDB | Express | Mongoose | Heroku | Netlify | Stripe API**
*Find anything and everything under the stars in this fully functional MERN-stack eCommerce site!*
- Utilized React Redux Toolkit to perform AJAX calls on frontend display data received from backend.
- Created custom login interface to allow users to create accounts to view order progress, history, and leave reviews.
- Integrated protected routing to allow for admin functionality across the website.

**Tender - GitHub | App - JavaScript | MongoDB | Express | EJS | CSS | Mongoose | Google OAuth | Heroku**
*Match with your next meal using a Tinder-inspired restaurant app powered by the Yelp Fusion API!*
- Integrated Yelp Fusion API to pull and display filtered restaurant data based off user input.
- Incorporated Google OAuth to enable profile creation and allow users to save restaurants and leave personal reviews.
- Leveraged deployed MongoDB server to ensure that user preferences remained intact across different sessions.

**ShelfSurfer - GitHub | App – React | Tailwind CSS | HTML | Google OAuth | Netlify**
*Find your next adventure into another world powered by the Google Books and NYT Bestsellers APIs!*
- Developed a Single Page Application through React with a clean and minimalistic interface using Tailwind CSS
- Made use of custom hooks to allow for real-time sorting and allow user to load more search results.

**M4ST3RM1ND - GitHub | App - JavaScript | HTML | CSS**
*A challenging take on the classic Mastermind board game. Can you crack the code in time?*
- Developed a fully functional, bug-free, web-based game with an eye-pleasing design.
- Interweaved JS functions and DOM manipulations to dynamically update the webpage based on user interaction.
- Incorporated seamless replayability through flawless win-loss logic and situational modal pop-ups.

## EXPERIENCE

**Siemens Healthineers, Manufacturing Technician II**                     *Flanders, NJ, 07/2021 - 09/2023*
- Performed alignment, calibration, verification, and final acceptance testing on Atellica CC and IA Analyzers while maintaining accurate documentation of device history throughout the entirety of the process.
- Oversaw 5S procedures to ensure the work area remains within compliance.
- Coordinated with engineers to participate in A3, SPS, CCC, and fishbone processes to resolve semi-complex manufacturing problems that affect daily operations and execute changes to maximize efficiency.
- Actively participated in GXP, design verification, FDA regulatory, and non-conformance processes.

## EDUCATION

**General Assembly**                     *Remote, Certificate Expected: 01/2024*
Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

**New Jersey Institute of Technology,** Master of Science, Biomedical Engineering     *Newark, NJ, Graduated: 05/2022*

**New Jersey Institute of Technology,** Bachelor of Science, Biomedical Engineering     *Newark, NJ, Graduated: 05/2019*