**DEEP MANEK**

Jersey City, NJ | 201-241-5648 | [niravjain057@gmail.com](mailto:niravjain057@gmail.com) | [LinkedIn](https://www.linkedin.com/in/niravjain98/) | [GitHub](https://github.com/niravjain98)

**EDUCATION**

**Stevens Institute of Technology Hoboken, NJ**

*MS in Computer Science Jan 2021 - Dec 2023*

**Courses:** Web Programming, Agile Software Development, Human-Computer Interaction, Database Management Systems

**GPA:** 4.0

**University of Mumbai Mumbai, MH**

*BE in Information Technology August 2015 - May 2019*

**Courses:** Object-Oriented Programming, Operating Systems, Software Engineering, Distributed Programming

**TECHNICAL SKILLS**

**Programming Languages:** JavaScript, TypeScript, Python, SQL

**Databases:** MongoDB, MSSQL, Redis, PostgreSQL, Google Firebase

**Web Technologies:** React.js, Vue.js, Node.js, Express.js, Next.js, Redux, jQuery, ContextAPI, HTML5, CSS, SASS, Bootstrap

**NLP Tools:** Google Dialogflow, IBM Watson, Microsoft LUIS, Kore.ai, Microsoft Bot Framework, Power VA

**Tools and Technologies:** Git, GraphQL, Socket.io, AWS (EC2, S3), Jira, Postman, GitHub, Linux, Scrum (Agile), Mocha, Apache

**PROFESSIONAL EXPERIENCE**

***At Last Sportswear, Inc | Add tech stack Jersey City, NJ***

*Software Developer Intern June 2023 - Present*

* Redesigned and transformed the "Beach Lunch Lounge" Shopify site into an e-commerce platform using ReactJS
* Engineered and deployed REST APIs to seamlessly integrate the ERP system with the website
* Implemented a load balancer to optimize and manage web traffic effectively
* Migrated extensive SQL-based data over to MongoDB ensuring data integrity and efficiency
* Developed and launched a REST API for weekly email campaigns, distributing line sheets and order confirmations

// Here, you can focus equally on the technicalities and the metrics you achieved during your tenure

***Larsen & Toubro Infotech - Full Stack Developer | Add tech stack* *Mumbai, MH***

*Full Stack Developer Oct 2019 – Dec 2021*

* Directed a 4-member team in developing a Full Stack application for the Ministry of India’s "Ministry of Statistics & Programme

Implementation" – NIIP page. The application incorporated features such as user data retrieval, portal navigation, report and dataset

searches, FAQs, and contact search

* Led a 5-person team in constructing two Full Stack chatbots using NLP tools for Johnson Controls International. The project

provided an insightful comparison between the Google and Microsoft Bot platforms, focusing on identical use cases

* Crafted a MERN stack dashboard featuring diverse graphical visualizations and metrics about the developed chatbots. This

innovation resulted in a 40% decrease in average response time and a 50% surge in customer satisfaction

**ACADEMIC PROJECTS**

**Instabuzz||** *Node.js, React.js, MongoDB, Redis, Redux, GraphQL, Socket.io, Docker, AWS (EC2, S3)* *Oct 2022 - Dec 2022*

* Developed a web application for efficient travel planning using the MERN stack, which fetched data from Travel Advisor API and

leveraged Google Maps API to display personalized data for users based on their geolocation.

* Handled client-side state management using Redux and server-side caching using Redis, resulting in a 65% reduction in API

response times.

* Wrote 10+ GraphQL queries to fetch data from MongoDB Atlas and utilized React Apollo to display data on React components

backed by Material-UI.

* Utilized Socket.io to create individual chat rooms for invited users and Redis cache to retain chat history for a trip.
* Containerized each component of the application into separate Docker containers and deployed them on AWS EC2 instances with

load balancer for high availability and scalability.  
// Add more technicalities and how you used a specific technology and how it helped you, and do exactly the same for rentpipe and BET

[**Expense Tracker**](https://github.com/dpmanek/CS_546_C_Project) **|** *Node.js, Express.js, React.js, MongoDB, JWT, Nodemailer, PDFkit**Jan 2022 - May 2022*

* Collaborated with a team of 4 to develop a full-stack expense tracker web application using MERN (MongoDB, React, Node) stack.
* Implemented RESTful APIs in Node.js and Express.js, integrated with MongoDB for dynamic data fetching, and developed over

10 backend APIs for CRUD operations and features like chatbot, and monthly expense PDF statements.

* Ensured application security by implementing JSON Web Token for authentication and data validation for backend APIs using JOI.

[**CS:GO Winner Classification**](https://github.com/niravjain98/CS-GO-Round-Winner-Classification)| *EDA, Feature Extraction, Naïve Bayes, Random Forest, XG Boost**Oct 2021 - Nov 2021*

* Implemented 8 supervised machine learning algorithms to predict round winners for a multiplayer game.
* Performed feature reduction on a dataset with 122k rows and 96 features using Variance threshold, and Pearson correlation.
* Applied hyperparameter optimization using Random search for Random Forest and XG Boost (XGB) algorithm and achieved an

accuracy of 90% for XGB.