**DEEP MANEK**

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**EDUCATION**

**Stevens Institute of Technology**  Hoboken, NJ

**M.S. Computer Science** | Cumulative GPA: 4.0 December 2023

**University of Mumbai**  Mumbai, India

**B.E. Information Technology**| Cumulative GPA: 7.2/10 2015 - 2019

**Relevant Coursework:**

Web Programming I & II, Agile Methods for Software Development, Mathematical Foundations of ML, Knowledge Discovery and Data Mining, Human-Computer Interaction

**PROFESSIONAL EXPERIENCE**

***Stevens Institute of Technology - Teaching Assistant*** Hoboken, NJ | Sept 2022 - Present

* Collaborated with professors regarding lessons and exams, graded students’ assignments, and tutored students resulting in a 27% increase in overall grades for CS554: Web Programming II and CS556: Mathematical Foundations for Machine Learning
* Holding office hours for students struggling in the subject to improve their understanding in the topics they are facing trouble.

***Larsen & Toubro Infotech -* Full Stack Chatbot Developer** Mumbai, India | Oct 2019 – Dec 2021

* *Ministry of Statistics & Programme Implementation* - Lead a team of 4 to develop a chatbot with functionalities including fetching user information, portal navigation, report search, FAQ, Data-Set search, and contact information search for the National Integrated Information Platform (NIIP)
* *Johnson Controls International -* Collaborated with a team of 5 to build 2 chatbots leveraging various NLP tools showcasing same use cases to provide an in-depth comparison between Google Dialog flow and Microsoft Bot Composer
* *Ecommerce Chatbot* - Implemented a full-stack application operating react as front end and integrated a chatbot with functionalities: Order Management and Complain Management
* *Chatbot Dashboard* - Teamed up with a team of 4 to develop a dashboard consisting of various graphic visualizations & statistics about developed chatbots

***Scriberr.in* - Intern** Mumbai, India | May 2018 – June 2018

* Improved the SEO rank of Scriberr.in website by changing keywords, meta-description, SEO Title, and focus word
* Enhanced application’s readability and SEO (Search Engine Optimization) score with the SEO tool Yoast

**ACADEMIC PROJECTS**

***Instabuzz*** Stevens Institute of Technology | Sep - Dec 2022

* Lead a team of 4 to create a full stack social media platform where one can socialize and connect with different people. Users can post pictures, comment and even like them.
* It is very similar to Instagram where one has its own user page with a display picture and description. A person can easily update them for the world to see.

***Rentpipe*** Stevens Institute of Technology | Sep - Dec 2022

* Collaborated in a team of 6 to create a full stack real estate application. A user can easily use this website to rent/sell/buy apartments or house. Users have the option to search House listing depending upon the zip code they want to living in.
* Users can use the chat feature to negotiate a price with seller and close the deal. There is notification feature which keeps you posted about the latest updates of the apartments you are interested in.

***BET- Budget Expense Tracker*** Stevens Institute of Technology | Apr - May 2022

* Lead a team of 4 to create a MERN stack application for budget management helping users keep a record of finances based on income and expenses
* Implemented landing page along with functionalities for monthly expense comparison, adding categorized expenses, posting feedback/reviews, tracking incoming/outgoing money flow, viewing budget split-ups, personal virtual assistant, email notifications, generating personal statements, and generating complaint tickets for customer care support

***IT Notes***  St. Francis Institute of Technology | Apr – May 2018

* Created a website named “IT notes” using HTML, CSS, JavaScript, and jQuery allowing faculties to keep track of students’ attendance and enables note-sharing to students

**TECHNICAL SKILLS**

* **Programming Languages/ Runtime Environment**: Node JS, React JS, HTML, SQL, JavaScript, Python
* **Database/Tools/Frameworks**: MongoDB, MySQL, VS Code, NetBeans, Notepad ++, Postman, Node.js
* **NLP Tools**: Google Dialogflow, IBM Watson, Microsoft LUIS, Kore.Ai, Microsoft Bot Framework Composer, Microsoft Bot Framework Emulator, Power VA, Microsoft QnA maker
* **Cloud Services**: Microsoft Azure Portal, Google Cloud Platform
* **Frontend**: JavaScript, React JS, React Native, Redux, Hooks, HTML, CSS, SASS, Bootstrap, Context API
* **Repositories/Servers**: Git, Tortoise SVN, Express JS, Apache, Nginx
* **Caching**: Redis, GraphQL
* **API**: Service Now, High Charts, High stocks

**CERTIFICATIONS AND ACHIEVEMENTS**

* Brain bench SQL ANSI Fundamental *Dec 2019*
* Cleared Round I of Google Online Marketing Challenge (GOMC) *Dec 2018*
  + Secured a position in the top 100 teams worldwide.
* Google AdWords Search Certification, Google AdWords Fundamental *Jan 2018*