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* - Designed 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*