DEEP MANEK

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# EDUCATION

**M.S. Computer Science, Stevens Institute of Technology** | Hoboken, USA | 4 GPA Dec 2023 Web Programming, Agile Software Development, Human-Computer Interaction, Database Management Systems

**B.E. Information Technology, University of Mumbai |** Mumbai, India 2015 –2019

# PROFESSIONAL EXPERIENCE

***Stevens Institute of Technology – Course Assistant*** Sept 2022 - Present

* + Collaborated with professors to construct lesson plans, assignments, and exams for Web Programming II and MathematicalFoundations for Machine Learning
  + Improved overall grades by 27% through individual tutoring and graded assignments, while conducting regular office hours to enhance students' understanding of course material

***Larsen & Toubro Infotech -* Full Stack Developer** Oct 2019 – Dec 2021

* + Led a team of 4 to devise a Full Stack application with functionalities including fetching user information, portal navigation, report search, FAQ, Data-Setsearch, and contact information search for the Ministry of India’s [Ministry of Statistics & Programme Implementation] – NIIP page [National Integrated Information Platform] ***(Tech Stack – Microsoft Bot Framework, NodeJS, MongoDB, Express, ReactJS)***
  + Headed a team of 5 to build 2 Full Stack chatbots leveraging various NLP tools showcasing same use cases to provide an in-depth comparison between Google and MicrosoftBot platform for Johnson Controls International ***(Tech Stack – Google Dialogflow, Microsoft Bot Framework, NodeJS, SQL, Express.js, ReactJS)***
  + Designed a MERN stack dashboard consisting of various graphic visualizations & statistics about devised chatbots, resulting in a 40% reduction in average response time and a 50% increase in customer satisfaction rating ***(Tech Stack – Highcharts JS, Highcharts Stock, Bootstrap, ReactJS, MongoDB, Express, NodeJS)***

# ACADEMIC PROJECTS

***Instabuzz,*** Stevens Institute of Technology Dec 2022

* + Led a team of five people in creating a dynamic social media platform that, within the first six months ofits launch, saw a 50% increase in user engagement and a 25% increase in daily active users
  + Designed a profile page for every user, which resulted in a 20% rise in user retention and an extra three posts per user per week on average
  + Added a feed page feature with personalized content recommendations, which increased time spenton the platform by 40% and user satisfaction scores by 15%

***Tech Stack – ReactJS, Node.js, Express, Firebase Realtime Database & Cloud Storage, Redis, ImageMagick, Bootstrap Rentpipe,*** Stevens Institute of Technology Dec 2022

* + Spearheaded to the development of a full-stack real estate application as part of a 6-member team, resulting in a seamless user experience and an increase in sales
  + Implemented a search feature that made it simple for users to find homes for sale in their preferred zip codes, enhancing user engagement by 40%
  + Developed and executed a chat feature for price haggling, resulting in 25% increase in profitable transactions, and notification feature for apartment updates, leading to 30% increase in repeat users

***Tech Stack – ReactJS, Node.js, Express.js, MongoDB, Material UI, Redis, ServiceNow API, Google Maps API***

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

* + Managed a team of 4 to develop a MERN stack application for budget management, resulting in a 30% increase in user engagement and a 20% decrease in user-reported financial stress
  + Successfully implemented the landing page and several important features, resulting in a 25% increase in customer support ticket submissions and a 15% increase in positive feedback/review postings
  + Integrated email notifications, personal statement generation, categorized expense tracking, and budget visualization, reducing user-reported difficulties with financial tracking and planning by 40%
  + Directed the full cycle of application development, from idea to release, ensuring timely delivery of all project deliverables and meeting project goals within the allocated timeline

***Tech Stack – ReactJS, Node.js, Express.js, Highcharts JS, Highcharts Stock, Bootstrap, pdfkit, Google Dialogflow***

# TECHNICAL SKILLS

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

# Available for Fall 2023