

Aditya Ravindra Parab

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Expected May 2023

Master of Science in Computer Science

GPA: 3.65

• **Honors:** Fall 2021 Provost Masters Fellowship

Courses: Algorithms, Web Programming I and II, Database Management Systems, Agile methods for Software Development, Mathematical Foundations to Machine Learning, Human Computer Interaction, Big Data Tech

University of Mumbai, Mumbai, India

October 2020

Bachelor of Engineering in Computer Engineering

GPA: 3.25

TECHNICAL SKILLS

- **Languages:** Javascript, Python, Java
- **Database Systems:** MongoDB, Mongoose, SQL, Firebase
- **Other:** React, Redux, NodeJs, ExpressJs, Bootstrap, Redis, HTML/CSS, Socket.io, Apollo, GraphQL, Heroku

INTERNSHIP/ PART TIME EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ, USA

May 2022 – Present

Senior Information Technology Consultant, Part Time

- Contributed in developing, styling, and deployment of a new CRM platform to replace an aging IT ticketing and asset tracking system for a more comprehensive solution that improved IT operations and services
- Facilitated with the rollout of a new identity management system to bring all user accounts in line with the latest security standards and improved user experience through single sign-on technology
- Performed security upgrades and configured device management on all Stevens-issued computers used by faculty and staff to comply with the institution's revamped security initiative
- Interviewed and trained newly hired student workers on the tools available to the IT Help Desk and the methods used to assist customers and resolve technical concerns through a ticketing application

Security Vision M/s, Mumbai, India

June 2019 – July 2019

Software Engineering Intern

- Designed, assembled and installed various IT projects. Interfaced add-on systems to existing architectures
- Tested and troubleshooted network infrastructure for clients. Configured IP for different network models

ACADEMIC PROJECTS

Interactive Periodic Table — React Application

October 2022 - December 2022

- Developed a React js application for students to learn about chemical elements. Stored the user data in the backend using Firebase cloud storage. Performed state management using React Context Api
- Designed the components using material UI components and CSS. Hosted the application using Vercel

Student Help Desk Support - A ticketing website — React Application

February 2022 - May 2022

- Collaborated with a team of 4 to develop a ticketing website for clients using React, Express and Firebase
- Designed the web application using React Js, Minimal-UI kit and Material UI components
- Created a chat application in the system using Socket.io and hosted the application using Heroku
- Contributed in designing database functions to store the information in Firestore and cloud storage

Otaku Hub: Anime review and discussion forum — MERN Stack

October 2021 - December 2021

- Lead a team of 4 to design and develop a full stack website for writing reviews on different anime series
- Contributed in developing backend features of website using Express js and MongoDB for database
- Worked on features of writing reviews, comments as well as added features like likes/dislikes on reviews
- Pulled anime data from API for website, used handlebars for templating, ajax for form submission

Bug Tracking Application — MERN Stack Application

February 2020 - May 2020

- Managed a team of 3 to develop a web application aiming to track bugs in a system using Node js
- Collaborated in designing the application mainly for three logins: admin, debugger and client
- Stored data in MongoDB Atlas along with mongoose and hosted the web server using heroku app
- The application provides a bug life cycle and generates bug reports making it easier to keep track of bugs
- Implemented React Js for frontend and Express Js for creating the server endpoints of the application

VGO-Carpool Application — Ionic Application

January 2019 - April 2019

- Constructed an Ionic application in javascript to provide carpool service for college students traveling
- Designed frontend with Angular js framework and created backend using node js and express js
- Application works on android as well as IOS and is connected to WhatsApp API for conversation purpose
- Created a MongoDB database along with mongoose to store user information as documents in collections

Available May 2023