

Atiq Patel

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SUMMARY

Software Engineer with experience in building Full Stack applications using Python, JavaScript, ReactJS; has a knack for learning new technologies and designing creative systems (applications) to throw out solutions to real world problems. Proficient with Data Structures and Algorithms; Experience working with cross functional teams in agile environments; Knowledge of HTML, CSS, MVC frameworks, Restful APIs, Linux, Redux, Docker, NodeJS, SQL, NoSQL & ORM databases.

EXPERIENCE

- Software Engineer, BioMedtrix, Whippany, NJ** **Aug' 20 – Present**
- Developing a web application for veterinary surgeons to aid them for different types of operations on animals using JavaScript, TypeScript, Redux, HTML, CSS, Firebase, AWS Cognito, AWS Amplify
 - Building out new features to the existing web application to enhance the user experience and testing them using software's like Jest, Mockito
 - Building new scalable backend to support more users & features like radiograph sharing using Dynamo & Node.js
 - Building admin panels for users to upload different proprietary templates using TypeScript React, Node.js & Git
- Software Developer, Baanyan Software Services, Edison, NJ** **Jul '20 – Aug '20**
- Developed a RESTful full stack single page application using JavaScript, Python, ReactJS for clients to build & order their own burgers with Django on the backend with an ORM, further used jest & enzyme for testing
 - Integrated Redux to have a centralized store management which improved cleaner code as well as implemented asynchronous programming to increase efficiency of the entire application by 25 %
 - Developed another full stack web application based social media website for event organizers and volunteers, with JavaScript, HTML5, CSS, NodeJS, and NoSQL
- Front End Developer, AnotherAI.art, Manhattan, NY** **Jun' 20 – Jul '20**
- Created & Implemented a mobile AR based web application course for incoming students at Columbia University
 - Worked in an agile environment and used technologies like HTML, CSS, React, and 8th Wall & Firebase
 - Integrated CI/CD pipelines for code deployment using GitHub and CircleCI, thus allowing for rapid new releases
- Systems Engineer, Stevens Institute of Technology, Hoboken, NJ** **May '18 - '19**
- Created a ToDo app using Django and React and deployed it on Firebase as part of their internal state management project & worked with designers to create intuitive UI design, used libraries like Toastify to enhance UX
 - Replaced old legacy systems with the latest software and created a MySQL database to store records and keep track of the jobs occurred. Made the entire workflow faster and smoother by at least 30%
 - Led a cross-functional team to provide technical support for hardware & software issues users encountered
 - Administered & oversaw setup, configuration, and repairs for 100's of Windows and Linux based systems
- Data Engineer, V.S. Logistics, Mumbai, India** **Jan '17 - May '17**
- Developed a Full stack web application which contains a dashboard to fetch live stream twitter feed based on user specific keywords, store the results in a SQL database, and output them to the client using Apache Flume on a single node Map-Reduce cluster. Later migrated to a multi node cluster to ensure scalability across platforms
- Software Engineer, Escape & Explore, Mumbai, India** **Jun '16 - Sept '16**
- Improved existing website for tours and travels and added functionalities for super users to upload new content on the feed, option for users to answer surveys regarding destinations using Django, React, HTML, CSS, and MySQL

EDUCATION

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|---|------------------|----------------|
| Master of Science – Computer Science
Stevens Institute of Technology, Hoboken, New Jersey | GPA: 3.73 | May '19 |
| Bachelor of Engineering – Computer Engineering
University of Mumbai, Maharashtra, India | GPA: 3.56 | May '17 |

OTHER PROJECTS

- Vidly | [GitHub](#)**
- Developed a Full-stack web application for an online movie rental application using ReactJS, NodeJS, MongoDB
- Cataract Detector**
- Developed a full stack RESTful Machine learning app with an intuitive UI around the model to accept eye images & give the user a diagnosis with model accuracy. Adopted TypeScript to minimize bugs for future releases
- Similar Question Recommender [GitHub](#)**
- Developed & modeled a recommendation system to give similar questions based on a user's query; modeled after Stack Overflow's similar questions section
- Data Analysis Based on Online Reviews | [GitHub](#) | [Paper](#)**
- Developed a Recommendation system for engineering aspirants that suggests colleges based on the students' scores

TECHNICAL SKILLS

- Development: Python 3, JavaScript, TypeScript, NodeJS, HTML, CSS, Handlebars, Jinja, Java, Erlang, C
- Frameworks: Flask, Django, React.JS, Express.JS, Redux, Vue.JS
- Databases: MySQL, MongoDB, Redis
- Tools: Git, Linux, Unix, CircleCI, Docker, Hadoop, Map-Reduce, Emacs, Heroku, Firebase
- Cloud: AWS