

# Atiq Patel

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## SUMMARY

Software Engineer with experience in building Full Stack applications using, TypeScript, Python, JavaScript, ReactJS; has a knack for learning new technologies and designing creative systems (applications) to solve real world problems. Proficient with Data Structures & 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 -> Full Stack Engineer III, Movora, Whippany, NJ** **Aug' 20 – Jul' 23**
- Developed a web application for veterinary surgeons to aid them in different types of operations on animals using TypeScript, JavaScript, Redux, HTML, CSS, Firebase, AWS Cognito, AWS Amplify, ExpressJS & NodeJS
  - Built new features to the existing web applications to enhance UX & scale the backend to support more users
  - Integrated with various medical industry standards to allow data transfer with existing radiography hardware
  - Built admin panels for customers to upload different proprietary implant templates using ReactJS, & Node.js
  - Established a streamlined CI/CD workflow for junior devs for multiple BigCommerce stores, & defined testing processes between teams increasing efficiency & rapid releases using Stencil CLI, GitHub Actions & Docker
- 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 %
- 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
- Software Engineer, Coders Data, Remote** **Dec '19 – May '20**
- Developed a full stack web application based social media website for event organizers and volunteers, with JavaScript, HTML5, CSS, NodeJS, and NoSQL
- Research Assistant, Stevens Institute of Technology, Hoboken, NJ** **May '19 - Dec '19**
- Developed a Home Weather Station app using React for the front-end, Python & Django for the back-end, integrated with a Raspberry Pi and the BME280 humidity sensor to monitor, collect, and display real-time weather data
- 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 web app which contains a dashboard to fetch live stream twitter feed based on user specific keywords, store the results in a SQL database, & output them to client using Apache Flume on a single node Map-Reduce cluster.
- Software Engineer, Escape & Explore, Mumbai, India** **Jun '16 - Dec '16**
- Improved existing website for tours and travels & added functionalities for super users to upload new content on the feed, including an option for users to answer surveys regarding destinations using ReactJS, Django & MySQL

## EDUCATION

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

## 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