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.

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| **EXPERIENCE** |  |
| ***Software Engineer -> Full Stack Engineer III,*** *BioMedtrix -> 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

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| ***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 %

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| ***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

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| ***Software Engineer,*** *CodersData, Remote* | **Dec ’19 – May ’19** |
| * 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 - Sept ‘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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| **Master of Science – Computer Science** | **GPA: 3.73** | **May ‘19** |
| Stevens Institute of Technology, Hoboken, New Jersey |  |  |
| **Bachelor of Engineering – Computer Engineering**  University of Mumbai, Maharashtra, India | **GPA: 3.56** | **May ‘17** |

**OTHER PROJECTS**

## Vidly | [GitHub](http://bit.ly/ReactProjects)

* 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](http://bit.ly/Stack-Master)

* 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](https://github.com/notsotraumatiq/Data-Analysis-for-colleges) | [Paper](https://www.ijraset.com/fileserve.php?FID=8837)

* 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