Atiq Patel

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# SUMMARY

Software Engineer experienced in developing scalable Full Stack applications with expertise in TypeScript, Python, JavaScript & ReactJS. Proven ability to leverage technologies to design innovative systems that tackle real-world problems. Proficient in Data Structures & Algorithms and collaborating with cross-functional teams in agile environments. Possesses knowledge of HTML, CSS, MVC frameworks, Restful APIs, Linux, Redux, Docker, AWS, NodeJS, SQL, NoSQL & databases. Effective communicator with excellent interpersonal skills, conveying complex concepts to technical & non-technical stakeholders

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| **EXPERIENCE** |  |
| ***Full Stack Engineer III,*** *Movora, Whippany, NJ* **Aug’ 20 – Jul’ 23** | |

* Developed a robust web app for veterinary surgeons to streamline & enhance surgical procedures on animals, leveraging TypeScript, JavaScript, Redux, HTML, CSS, Firebase, ExpressJS, NodeJS, AWS EC2, S3, Cognito, Amplify
* Responsible for user growth by 300% by building new features & scaled backend for increased user support
* Integrated with medical industry standard DICOM & PACS to allow data transfer with existing radiography hardware
* Deployed a serverless admin panel for customers to upload proprietary implant templates utilising ReactJS, AWS Lambda
* Established a streamlined CI/CD workflow for junior devs for multiple BigCommerce stores, & collaborated testing processes between teams increasing efficiency by 25% & rapid releases utilising 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 app utilising TypeScript, ReactJS for clients to build & order food with Python & Django on the backend with an ORM, used jest 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** |

* Developed a mobile AR-based web application course for incoming students at Columbia University, worked in an agile environment and utilising HTML, Tailwind, CSS, ReactJS technologies such as 8th Wall & Firebase

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| ***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 utilising ReactJS for the front-end, Python & Django for the back-end, integrated with a Raspberry Pi and the BME280 humidity sensor to monitor, collect & display real-time weather data | |
| ***Systems Engineer,*** *Stevens Institute of Technology, Hoboken, NJ* | **May ’18 - ‘19** |

* Created a Task Management app utilising Django and ReactJS and deployed it on Firebase as part of their internal state management project & worked with designers to create intuitive UI design, with libraries like Toastify
* 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

***Software Engineer,*** *Escape & Explore, Mumbai, India* **Jun ‘16 - Dec ‘17**

* Developed a highly intuitive and customer-centric travel portal with a dynamic and user-friendly interface, leveraging Django, ReactJS, Tailwind CSS, and MySQL for efficient content management.

# 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 utilising 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 & modelled 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, Tailwind CSS
* Databases: MySQL, NOSQL, DynamoDB, MongoDB, Redis
* Tools: Git, Unix, CircleCI, Docker, Hadoop, Map-Reduce, Emacs, Heroku, Firebase, Npm, Yarn, Webpack, Babel
* Cloud: AWS