

Atiq Patel

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SUMMARY

Software Engineer with experience in building Full Stack applications using Python, TypeScript, ReactJS; has a knack for learning new technologies and designing creative systems and applications to solve 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, Node.js, SQL, NoSQL & ORM databases.

EXPERIENCE

Software Engineer -> FullStack Developer III, BioMedtrix -> Movora, Whippany, NJ **Aug '20 – Present**

- Developed a web application for veterinary surgeons to aid them in different types of operations on animals using JavaScript, TypeScript, Redux, HTML, CSS, Firebase, AWS Cognito, AWS Amplify, & Node.js
- 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 users to upload different proprietary implant templates using ReactJS, Node.js, & Jest
- Developed a CI/CD pipeline for multiple BigCommerce stores using Stencil CLI, GitHub, CircleCI, & Docker
- Established a streamlined workflow for junior devs, & defined testing processes between teams increasing efficiency

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 meals. Integrated with Django on the backend, and used Jest & Enzyme for testing
- Integrated Redux as a centralized state management machine which made the code cleaner
- Implemented asynchronous programming to increase the efficiency of the entire application by 25%
- Developed another 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, 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 an internal state management project & worked with designers to create intuitive UI design, using 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 occurred jobs. Made the entire workflow faster and smoother by at least 30%
- Led a cross-functional team to provide technical support for hardware & software issues that 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 & 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

Master of Science – Computer Science **GPA: 3.73** **May '19**

Stevens Institute of Technology, Hoboken, New Jersey

Bachelor of Engineering – Computer Engineering **GPA: 3.56** **May '17**

University of Mumbai, Maharashtra, India

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 & modelled a recommendation system to give similar questions based on a user's query; modelled 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 student's scores

TECHNICAL SKILLS

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