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

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

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 %

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

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

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 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
- 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 | 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, 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