

Atiq Patel

Atiqpatel81@gmail.com | +1 (551) 227-5154 | Jersey City, NJ 07307 | github.com/notsotraumatiq | notsotraumatiq.com

Summary

Qualifications:

- Over 1 year of industry experience using Python, JavaScript, ExpressJS, Flask, React, NodeJS.
- Runner up for two Hackathon competitions

Skills

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

Education

Master's in Computer Science, Stevens Institute of Technology | GPA: 3.733/ 4 | [Transcript](#)

Bachelor's in Computer Engineering, University of Mumbai | GPA: 6.75/10 | [Transcript](#)

Courses

Advanced Algorithms Design and Implementation
Web Programming – I (JavaScript, NodeJS, React)
Concurrent Programming
Natural Language Processing and Web Analytics

Experience

Research Assistant at Stevens Institute of Technology

05/19-Present

- Developing Full Stack projects with Raspberry Pi integrated with various sensors
- Leveraging knowledge in Python, Django, Flask, SQL, MongoDB, Raspberry Pi, ReactJS

Junior Systems Administrator at Stevens Institute of Technology

05/18-05/19

- Administered & oversaw setup, configuration, and repairs for 100's of systems
- Improved efficiency by implementing new methods for setups and made workflows smoother
- Worked & led a cross-functional team to provide technical support for hardware & software issues users encountered.
- Leveraged knowledge in Linux, SQL, Git

Junior Hadoop Administrator at V. S. Logistics

01/17 – 05/18

- Designed & implemented workflows using Linux scripting to perform data ingestion & ETL on Big Data platform
- Provide hands-on leadership for the design & development of ETL data flows using Big Data Ecosystem tools
- Leveraged knowledge in Java, HDFS system, Hadoop clusters, Sqoop, Hive, Apache Flume, Map-Reduce, Git, and ETL

Software Engineer at Escape & Explore

06/16 – 09/16

- Created reports, analyzed categorized data using Python helping with sales and marketing strategies
- Developed a data pipeline to get tourist data and help catalog tourists based on demographics
- Leveraged knowledge in JavaScript, NodeJS, Git, Heroku, HTML, Bootstrap, CSS, Python

Projects

Vidly | [GitHub](#)

01/20

- Developed a Full-stack web application for an online movie rental application using ReactJS
- Took a TDD approach that led to minimizing bugs and completing the prior to the given deadline
- Utilized: JavaScript, NodeJS, HTML, CSS, REST, MongoDB, ReactJS, Bootstrap

Leads | [GitHub](#)

02/20

- Developed a Full-stack web application for clients to answer surveys.
- Integrated Django as a Backend and React on the front end.
- Utilized: JavaScript, NodeJS, HTML, CSS, MongoDB, Express, Django REST Serializers, Python, ReactJS

Cataract Detector

10/18

- Implemented a machine learning model to identify individuals having cataract using TensorFlow
- Developed a full stack RESTful app with an intuitive UI around the model to accept eye images & give the user a diagnosis with model accuracy
- Utilized: HTML, CSS, Flask, Python, Jinja, SQLAlchemy, TensorFlow

Data Analysis Based on Online Reviews | [GitHub](#) | [Paper](#)

05/18

- Developed a Recommendation system for engineering aspirants that suggests colleges based on the students' scores.
- Improved the efficiency of comment rating software from 50% to 85% using NLP in Python
- Utilized: Java, SQL, Git, Naive Bayes classifier, HTML, CSS, jQuery

Similar Question Recommender | [GitHub](#)

05/18

- Developed & modeled a recommendation system to give similar questions based on a user's query; modeled after Stack Overflow's similar questions section
- Implemented the recommendation system using an SVM classifier along with cosine-similarity algorithm
- Utilized: Python, Scikit-learn, Flask, Git, Heroku, ETL

Extra-Curricular Activities

- Led and managed a team of 15-20 people to manage 500 incoming freshmen as an Orientation Leader at SIT
- Made it to the finals in multiple Hackathons including HopHacks and Social Good Hackathon