

ROHAN PATEL

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SUMMARY

- Software Engineer at Intuit with substantial academic and industry experience.
- Experience with Python and Java, along with a strong understanding of CS fundamentals and object-oriented design.
- Tech enthusiast with a wide skillset, and extensive experience in web application development.

EDUCATION

Master of Science, Computer Science, San Francisco State University (GPA: 3.60) August 2017 – August 2019
Bachelor of Technology, Information Technology, Manipal Institute of Technology July 2012 – July 2016

TECHNICAL SKILLS

Languages: Python, Java, C, Javascript
Web Technologies: HTML, CSS, ES6, Node.js, Express, Bootstrap, React, Spring Boot, Spring MVC
Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
ML / Data Science: NumPy, Pandas, Scikit-learn, NLTK, Jupyter Notebook (IPython), Tableau
Others: Git, Postman, Kafka, HTTP, REST API design, MVC, Agile/Scrum, Heroku, AWS, Jira

EXPERIENCE

Intuit | Software Engineer

Los Angeles, CA | September 2019 - Present

- Working on Intuit's Financial Data Platform that connects Intuit products with global and domestic banks and tax institutions.
- Developing and maintaining web services that enable 30+ million users to efficiently and securely retrieve data from over 1600 financial institutions across the US.
- Expanding Spring Boot REST endpoints for clients such as Mint, TurboTax, and Quickbooks.

Metro College Success Program (SF State) | Graduate Assistant - (Software Development + Data Analysis)

San Francisco, CA | September 2018 – August 2019

- Developed Python scripts for data migration and manipulation between Salesforce, PeopleSoft CS and BANNER databases.
- Provided support for database design, management and maintenance in Salesforce.
- Developed Tableau vizzes that are now being used by Metro's leadership team to improve university-wide student success rates.

Zumigo | Software Engineering Intern, DevOps

San Jose, CA | June 2018 – August 2018

- Worked primarily on enhancing the company's system monitoring solutions.
- Worked on Zabbix - an open source monitoring tool - and wrote various automation scripts to send email alerts through Zabbix, execute remote commands and create monitoring solutions.
- Set up a centralized logger system using the ELK stack – Elasticsearch, Logstash, Kibana – to help analyze server logs better.

Lean To Drill | Software Development Intern

Mumbai, India | January 2017 – June 2017

- Worked primarily on developing, maintaining, and enhancing the company's android apps.
- Secondary work included quality assurance, spec writing and query writing.

PROJECTS

Hearts Card Game | GitHub repo | Website URL

- Real-time, multiplayer, online application to play the Hearts card game. Developed using Node.js, Express, PostgreSQL.
- Complete logic of the standard hearts game implemented and tested. Game gets updated in real-time in response to user events and interaction with the game using WebSockets, and games states are persisted in the database.
- Game also contains a chat feature that allows players to chat with each other in a game room.

HTTP Web Server using Java | GitHub repo

- Developed a multi-threaded web server in Java capable of a subset of the HyperText Transfer Protocol (HTTP).
- Server can parse HTTP requests (like GET, PUT, POST and DELETE), authenticate them, load mime types, send appropriate responses, and run CGI scripts.