

# ROHAN PATEL

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## SUMMARY

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- Software Engineer at Intuit with 2+ years of industry experience.
- Experience with Java and Python, along with a strong understanding of CS fundamentals and object-oriented design.
- Tech enthusiast with a wide skillset, and extensive experience in web application and backend development.

## EDUCATION

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**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

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**Languages:** Java, Python, C, Javascript  
**Web Technologies:** Node.js, Express, Spring Boot, Spring MVC, Project Reactor, RxJava, Vert.x  
**Databases:** SQL (MySQL, PostgreSQL, Vertica), NoSQL (MongoDB)  
**Other Technologies:** Kafka, Git, Docker, Jenkins, Splunk, Postman, Scikit-learn, Jupyter Notebook (IPython), Tableau, REST, MVC, Microservices, Distributed Systems, Agile Development, Reactive Programming, Stream Processing

## EXPERIENCE

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### Intuit | Software Engineer

Los Angeles, CA | September 2019 - Present

- Working as a backend developer on the Intuit Data Exchange team. Primarily working with Java, Spring, Kafka.
- Developing and maintaining various microservices that enable 30+ million Intuit users to efficiently and securely retrieve data from over 25,000 financial institutions across the world.
- Expanding RESTful API's 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, manipulation, and processing of student data.
- Worked on design, development, and maintenance of the student database.
- Developed Tableau dashboards that helped leadership analyze and improve university-wide graduation and retention 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 scripts for triggering email/voice alerts, executing remote commands, and creating different monitoring solutions.
- Set up a centralized logger system using the ELK stack – Elasticsearch, Logstash, Kibana – to help analyze server logs better.

### LearnToDrill | 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 (unit and functional testing) and spec writing.

## PROJECTS

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### 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).
- Developed server could parse HTTP requests (like GET, PUT, POST and DELETE), authenticate them, load mime types, send appropriate responses, and run CGI scripts.