

# Parth Patel

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## Academic Details

**Masters, Computer Science, New York Institute Of Technology, NY. - GPA: 3.73 /4**

**Dec' 21**

*Relevant Coursework:* Analysis of Algorithms, Advanced Data Structures, Artificial Intelligence, Operating System Security, Database Management Systems

**Bachelors, Computer Engineering, Gujarat Technological University, India. - GPA: 7.10 /10**

**May'18**

*Relevant Coursework:* Data Structures, Design and Analysis of Algorithms, Operating Systems, Computer Networks, Principle of Programming Languages, Systems Programming

## Technical Skills

- Programming: Java (Advanced, SpringBoot), Python, SQL, C, C++, Android, Elixir
- Web Technologies: AWS Services, JavaScript, Node.js, Angular, React, REST APIs, HTML, CSS, JSON, jQuery
- Software Tools: GIT, Terraform, OracleDB, MySQL, Visual Studio, Postman, JIRA, Android Studio, Anaconda, IntelliJ

## Certifications:

- AWS Certified Cloud Practitioner
- AWS Certified Developer
- AWS Certified SysOps Administrator
- Gremlin Certified Chaos Engineering Practitioner
- JPMorgan Chase Software Engineering Virtual Experience certificate
- Goldman Sachs Engineering Virtual experience certificate

## Work Experience

**NYIT- Graduate Assistantship:**

**May'21-Aug-21**

- Successfully migrated on premises SAS server to Amazon AWS EC2 instance with all functions working as expected.
- Performed planned upgrade of SAS server on EC2 instance.
- Technical Stack: Cloud Endure, SAS Deployment wizard, Java

**Ved Technologies - Software Engineer**

**Aug'18 – Jul'19**

- Worked on full-stack development of E-Commerce website and application.
- Utilized Agile methodologies with technologies based on continuous integration.
- Developed tool for the admin to see the detailed profit charts and consumptions by categories to help in prediction.
- Technical Stack: PHP, Angular JS, Node JS, HTML,

**Sannibh - Software Developer Intern**

**Jan'18 - Jun'18**

- Maintenance of banking software deployed Banks and Credit Unions
- Made Existing application 4 second faster in terms of data loading by implementing connection pool
- Reviewed issues reported by banks, fixed the code and deployed on a production server
- Technical Stack: Java Script, Oracle, Node.js

## Projects

**Home Security System**

- Created a system using raspberry-PI, Python, Android studio, Firebase.
- The System detect any movement in the front yard of house with help of sensors and detect the nature of that event.
- User will get notification Based on the nature of event on the android app developed.
- The system can handle multiple image database to recognize guest and making decision to send notification.

**Cab Service**

- Utilized Google Maps API for finding best route, MySQL to store information, Android studio for application development.
- This android application provided automated estimate fare based on distance and time for given destination.
- There was feature of adding stop in ride which was not added in major cab services.

**Document Retrieval**

- Implemented TF-IDF based document retrieval, retrieving top k documents depending on the TF-IDF matching score between query and document.
- Technologies used are Jupyter notebook, Python, Anaconda.