

Parth Patel

patelparthmail1996@gmail.com | +1 (516) 641 1187 | <https://p-patel.netlify.app/>

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, 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

Work Experience

Ved Technologies - Software Engineer

Aug'18 – Mar'19

- Worked on full-stack development of E-Commerce website and application.
- Utilized Agile methodologies with technologies based on continuous integration.
- Created tool for the administrator to see the detailed profit charts and consumptions by categories which helped them to save time on prediction.
- Technical Stack: PHP, Angular JS , Node JS, HTML,

Navaera - 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.

Cash-Box Online Banking System

- Designed a simulation that enables users to access their financial activities and check the activity log for preserving security.
- Technologies used Java, CSS, JSON, Networking concepts, Oracle 10g.

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.