Rushabh G Patel

973-687-5937   irushabhpatel@gmail.com

www.linkedin.com/in/irushabhpatel   github.com/imrushabhpatel   https://imrushabhpatel.github.io/

WORK EXPERIENCE

Software Developer, Vitech Systems Group (Java, JavaScript and PostgreSQL)   **Aug 2018 to Present**
- Working on developing and implementing several product enhancements to Vitech's V3 browser
- Responsible for designing, coding and modifying, from layout to function and according to organization's requirement.
- Contribute to all aspects of Vitech's browser based Java product: development, deployment, testing.

Full Stack Developer Summer Intern, Vidyo, Inc. (Node.js/Express.js)   **May 2017 to Aug 2017**
- Designed and implemented a web application to enable the sales engineering team to perform demos for the Vidyo app.
- Designed the web application using Node.js and frameworks that also interacts with AWS S3 and AWS RDS.
- Build the app that converted the sales engineering team's 45 mins manual work into a 5 min automated process.

Web Developer, Y.S.P.S Unnatti (HTML, CSS, JavaScript)   **Jan 2014 to July 2016**
- Responsible for designing, coding and modifying websites, from layout to function and according to organization's requirement.
- Hands on experience with HTML, CSS, JavaScript, JQuery.

SKILLS

- Programming Language: Java, C, Python, JavaScript.
- Web Application Skills: React.js, Node.js, Express.js, HTML, Php and CSS.
- Database: SQL, PostgreSQL, MySQL, PL/SQL, Oracle DB.
- Big Data: Hadoop, MapReduce, PIG, SPARK.
- Amazon Web Service (S3, RDS, Elastic Beanstalk).

EDUCATION

- **Master of Science, Computer Science. (May 2018)**   **New York University**
  (Algorithms, Big Data Analytics, Foundation of Computer Science, Principle of   *New York*
  Database System, Computer Security, Computer Networks, Network Security)

- **Bachelor of Engineering, Information Technology. (August 2016)**   **University of Mumbai**
  (Data Structure & Algorithms, Advance Database Management, Advance Internet   *Mumbai*
  Technology, Cloud Computing, Web Programming, Object Oriented Programming)

- **Diploma, Computer Technology. (May 2013)**   **Maharashtra State Board**
  (Software Engineering, Software Testing, Operating System, Java Programming,   *Mumbai*
  Relational Database Management System)

PROJECTS

Automatic Generation of Test Paper using Apriori Algorithm and Shuffling Algorithm. (Java, MySQL)
- The software allows you to create question bank for various classes, chapters and store your data in an organized way.
- The tests can be exported to word file with your institute's header and footer and also optimized for printing.
- Questions from the corresponding category is fetched by Apriori algorithm. Firstly, it fetches for the specified category name/subject name. The algorithm then searches for the difficulty level.

Cookzilla: A social networking service for cooking and recipes (**Web Programming**)
- Cookzilla focuses on cooking and recipes.
- The site allows people to post cooking recipes, to review and grade posted cooking recipes, to attach additional suggestions to a posted recipe, to organize cooking meetings with other users.

Analysis of Yelp Dataset (Apache Spark SQL)
- We did a fusion of dataset provided by yelp with other publicly available dataset for population, income and weather to observe various interesting pattern about people, cultural trend, seasonal trends on local businesses.

Data Mining on Insurance Services (Java and Web Programming)
- The project is based on Data mining used for insurance services, based on classification and regression algorithm.
- We take input from users and suggest them appropriate policy. Team leader with a team of 3 members.

Android app for Vendor Training App (Android Programming)
- Developed Android app for a real company that provided housekeeping and related services.
- Features included teaching both soft skills and hard skills. Project was recognized by the head of the department

Online Blood Donation Centre "www.save3lives.com". (Php and MySQL)
- Save3lives is a website that brings voluntary blood donors and those in need of blood on to a common platform.
- Through this website, we seek donors who are willing to donate blood, as well as who needs it.