Rushabh G. Patel

Greater New York City Area

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EDUCATION

- **Master of Science, Computer Science. (May 2016)**   **New York University**
  (Relevant Courses: Algorithms, Big Data Analytics, Foundation of   *New York*
  Computer Science, Principle of Database System, Foundation of Data
  Science Computer Security, Computer Networks, Network Security)

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

- **Diploma, Computer Technology. (May 2013)**   **Maharashtra State Board of Technical Education**
  (Relevant Course: Software Engineering, Software Testing, Operating   *Mumbai*
  System, Advance Java Programming, Relational Database
  Management System.)

SKILLS

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

WORK EXPERIENCE

Full Stack Web Developer Intern, Vidyo, Inc.   **May 2017 to Aug 2017**
- Designing and implementing a web based platform to enable the sales engineering team to perform demonstrations of the solution. The platform is utilized Vidyo's API (REST based as well as webRTC libraries for real time communication.)
- Performing software development both on web based platform as well as native application that aimed at improving and streamlining the current demonstration capabilities.
- Designing the web application using modern Javascript and web framework that also interacts with AWS S3 and AWS RDS.

Web Developer, Y.S.P.S Unnatti (Non-Profit Organization)   **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.

PROJECTS

Question Paper Generator (Java, MySQL)
- Developed Software that automated the questions asked during an exam and provide a printout for instructor.
- Software was utilized by well-known institutions.
- Project was selected for the project competition "ThinkQuest" due to its overall efficiency and its features.

Cookzilla (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.
- Both front-end and back-end responsibilities and was involved in coding.

Yelp Dataset Challenge (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.

Loan Prediction
- Developed a prediction technique that helps the banker to predict the credit risk for customers who have applied for loan.
- A prototype is developed which can be used by the organizations for making the correct or right decision for approve or reject the request for loan of the customers

Data Mining on Insurance Services (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.

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.

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.

Other Projects
- Placement and Attendance system using Naïve Bayesian. (Java)
- Software Engineering Implementation of Food Billing System. (Java)