

Jitesh Babulal Fulwariya

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EDUCATION

Masters in Computer Science, Rochester Institute of Technology, Rochester, NY

(expected) Dec 2018

GPA: 3.67/4.0

Course work: - Advanced Object-Oriented Programming Concept, Data Driven Knowledge Discovery, Algorithms & Data Structure.

University of Mumbai, India

May 2014

Bachelor of Engineering in Computer Engineering

GPA: 3.2/4.0

Course work: - Algorithms & Data Structures, Data Warehousing & Mining, Advance Database Management System.

SKILLS

- Programming Languages: - Java, Python, JavaScript, R, C++.
- Web Technologies: - PHP, HTML5, CSS3.
- Frameworks: - Laravel, Codeignitor, Django.
- Database: - MySQL, MongoDB.
- Operating System: Windows, Linux.
- Design & Simulation Software: - NetBeans, Eclipse, Sublime.

PROFESSIONAL EXPERIENCE

Software Developer, Big Rattle Technologies Pvt. Ltd

July 2014 – June 2016

- Developing admin panels for different projects using PHP, MySQL, JavaScript.
- Normalized existing databases and wrote optimized queries to increased the efficiency of the queries to about 90%.
- Handled the database related issues of all the projects in the company.
- Designed and implemented database on an in-house project using technologies like Python, MongoDB.
- Implemented Forerunner DB, which is a NoSQL In-Browser JavaScript Database based on Mongo DB's query language.

The projects I had worked on are:

Praja.org

- Worked as lead developer to write optimized MySQL query sets using the Object Relation Mapping technique using Laravel, a PHP framework.
- Implemented data mining to point out the redundancies and normalize the original database.
- Reverse Engineered the existing code provided by the clients and implemented a modular code.

Wrangler

- Actively participated in the Research & Development team where I coined the use of technology like Memcache, to speed up the process as the databases were dynamic.

ACADEMIC PROJECTS

Spam Filter using Machine Learning Techniques (Python, Scikit-learn)

- Applied Supervised machine learning algorithms for feature extraction on emails.
- Implemented classification models like Naïve Bayes, SVM and Decision Tree Learning for predicting Spam emails with an accuracy of 81%.

Gesture Based System for Windows Application (MATLAB)

- Project is a grind of Image processing coupled with concepts of Human Computer Interaction.
- Designed and implemented a special optimized algorithm in MATLAB for accurate detection of hand in presence of background noise.

Battleship Game using RMI (Java, Swing)

- Designed and implemented battleship game using Remote method invocation.
- GUI was implemented using Java Swing class.

Railway Reservation System (PHP, MySQL)

- Developed a website that tracks and monitors the ticket reservation.
- Implemented authentication process for authentication of users using technologies like PHP and MySQL.

Car Accessory Store (PHP, MySQL, JavaScript)

- Developed an E-commerce website project aimed to design a website which technically acts as a resource pool for the customer trying to find accessories for their cars using technologies like PHP, MySQL and JavaScript.