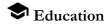
Vishal Bulchandani

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Rochester Institute of Technology (RIT), Rochester, NY, US Master of Science in Computer Science (MS)

Expected Dec. 2018

Veermata Jijabai Technological Institute (VJTI), Mumbai, India Bachelor of Engineering in Computer Technology (BE)

Skills

Languages: Java, Python, C++, C, Bash, PHP, Perl, HTML, JavaScript, SQL, JSP, Servlet

Databases: MySQL, Oracle 11g, Hadoop, Cassandra, Pig, Hive **Technologies:** Unix/Linux, Rails, Node.js, React/Redux, Angular



Vistaar Systems Pvt. Ltd, Mumbai, India

June 2011–June 2016

Software Engineer

- Developed an automation of existing functionality using BASH, resulting in a ~40% decrease in execution time.
- Developed benchmarking using BASH and JMeter for performance and functional testing of new functionality integrated in specified product.
- Created test cases for new product development and performed functional, regression, sanity, acceptance, performance and load testing.
- Reported critical bugs and tracked test case in QC.
- Provided QA feedback for review retrospectives.
- Reported to developers and acted as a key liaison to the development team.

X Projects

Chicago Crime Dataset

April 2017

With given dataset of Chicago crime with 20k attributes, ER diagram is drawn to develop an entity relationship model. Data Definition Language(DDL) is also developed in PostgreSQL. Performed data cleaning to remove outlier using summary in R. Analysing dataset using K-Mean algorithm clustering in Weka.

Shortest Maze Path Oct. 2016

Implemented in Python to find shortest path from given point A to given end point B using DFS and BFS algorithm.

Battleship Game Oct. 2016

Implemented multithreaded server handling multiple clients using socket programming in Java with TCP, UDP and Remote Method Invocation (RMI) mode of connections.

E-Cop May 2011

In a group of two, developed a project in Java (JSP and Servlet). The main objective was to reduce the paperwork used in police station and improve the justice system. It results into reduction of delayed justice time by \sim 15%. Received good appreciation by Kurla Police Station at Mumbai.

(more at https://cs.rit.edu/~vpb8262/project.html)