Vishal Bulchandani

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🎓 Education

Rochester Institute of Technology (RIT), Rochester, NY, US   **Expected Dec. 2018**
Master of Science in Computer Science (MS)

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

💼 Work Experience

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.

🛠 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 ~15%. Received good appreciation by Kurla Police Station at Mumbai.

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