Manali Shrikant Sathe

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EDUCATION

New Jersey Institute of Technology   January 2015 - December 2016
Master of Science in Computer Science   GPA- 3.3
University of Mumbai   August 2010 - June 2014
Bachelor of Engineering in Computer Science   GPA- 3.7

Relevant Coursework:

- Software Architecture
- Data Structures and Algorithms
- Advanced Java Programming
- Internet Higher Layer Protocols
- Big Data Technologies
- Operating Systems
- Database Management Systems
- Software Design Methodology
- Computer Architecture

EXPERIENCE

Graduate Assistant, NJIT   February 2015 – May 2016
- Worked on Aqua Data Studio using SQL to maintain student information.
- Used Microsoft Publisher and other Microsoft Office Tools to design case reports and flyers

TECHNICAL SKILLS

- Programming Languages   : Java, C, C++, SQL
- Web Technologies   : HTML,5 CSS3, JavaScript, JSP-Servlet, RESTful Web Services, JSON, Angular JS
- Software Skills   : Sublime Text 2, NetBeans, Eclipse, Android Studio
- Databases   : MySQL, Aqua Data Studio, MongoDB
- Operating Systems   : Mac OS, Windows
- Cloud Services   : Amazon Web Services
- Agile Methodology   : SCRUM
- Version Control   : Git
- Project Management Software   : JIRA

PROJECTS ACCOMLPISHED

E-Commerce Web Application | Node.js, Express.js, Mongo
- ➢ Individually created web application which contains various artifacts which enables users to buy and sell the items using single interface.
- ➢ Used HTML, CSS and Bootstrap for user interface. Implemented REST API. Used Express.js as middleware, mongo DB as database and Node.js as server side language.

E-Logistics | Java, JSP, Servlet, MYSQL
- ➢ Built E-Logistics Web Application for transportation sector using J2EE framework (JSP, Servlet and JDBC) and MySQL DB. Used JavaScript, Ajax and CSS.
- ➢ User interface was designed and developed using Java.

Virtual badge | JavaScript, MySQL
- ➢ Virtual Badge is an application aimed towards providing easy access to individuals based on the access assigned at access points. Integrated Node.js & MySQL for handling user database.
- ➢ Created program in JavaScript to auto-generate unique QR code for validating each user.

Distributed Course Sharing Server System – MOOC | Java, Socket Programming, Google Protobuf, JMeter
- ➢ Created distributed server system based on the Raft Paper (on the lines on PAXOS) and coded logic for dynamic leader election.
- ➢ Maintained consistent state between servers using Log replication.

CERTIFICATIONS

Advance Java and JSP   **CMS Institute, Vashi, India**
Database Administration in MySQL RDBMS   **CMS Institute, Vashi, India**