AARSH BOGHRA

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Education:

Master of Science in Computer Science   **Dec 2016**
New Jersey Institute of Technology, NJ, USA

Skills:

Java, JavaScript, Python, Node.js, Express, MySQL, MongoDB, Sqlite3, Linux, F5 Load Balancer, Layer7 Policy Manager, UML

Work Experience:

ADP (Automatic Data Processing), NJ, USA – Web Tier Intern   **June 2016 – Aug 2016**
Script Automation
- Developed bash scripts to automate the configuration of gateway for Layer7 Policy Manager
- Provided validations for the packages already installed
- Eliminated the needs to configure the gateway on each machine manually
- **Technologies:** Linux, Layer7 Policy Manager, Putty

Reporting Tool
- Created a reporting tool which shows RSA log files on a web page. Website was created using Django (Python)
- Assisted in developing a search tool that fetches files from database, implemented REST API
- **Technologies and Concept:** Python, Django, NodeJS, MongoDB, REST, MVC

F5 Load Balancer
- Developed good understanding of load balancing technology including algorithms and health check option
- Configured Virtual IPs with pools that is represented by an IP address and a service
- Created irules for F5 that provides the control to directly manipulate and manage any IP application traffic

Certificate:

- **Microsoft: DAT208x Introduction to Python for Data Science**   **Sep. 2016**

Projects:

Yelp Camp | Node.js, MogoDB   **Aug. 2016 – Sep. 2016**
- Individually created a web application which contains information of various campgrounds so that users can look upon their favorite campgrounds, designed with HTML, CSS, Bootstrap
- Implemented REST API . Used Express.js as middleware, MongoDB as database and Node.js as server side language
- **Technologies and Concepts:** Node.js, MongoDB, Express, CRUD, Postman

E-Logistics | Java   **Jan. 2016 – Mar. 2016**
- Built E-Logistics Web Application, which can be used in goods transportation sector
- Gathered requirements analysis, design and programming support for enhancement of the web application.
- Prepared detailed plan and strategy for the entire project by dividing it into small different modules, programmed major modules for this project
- Reusing the modules in different tiers to optimize the code redundancy
- Developed with J2EE framework (JSP, Servlet, JDBC) and MySQL in NetBeans with integration of JavaScript, Ajax and CSS

Sorting Deck of Cards | Java, Hadoop   **Sep. 2015 – Oct. 2015**
- Implemented a Map-Reduce based approach in Hadoop to find the missing cards from the deck
- Designed an algorithm in Java that would take an input file and deliver the missing number of cards
- **Technologies and Concepts:** Java, Hadoop, Amazon Web Services (AWS), Map-Reduce

XML Editor | Java   **Mar. 2015 – May 2015**
- Built an XML editor with functionality to facilitate the editing of XML file
- Actively participated in Analysis phase of the software
- Implemented Java Swing components with several events to create Graphical User Interface
- **Technologies:** Java, JDOM libraries, Eclipse

Issue Tracker System and Bug Allocation | .NET   **Jan. 2014 – May 2014**
- The aim of this project was to create a data driven web application with the help of Microsoft Visual Studio 2010 and SQL Server 2008
- Created several tables to hold the data which can be used in different pages in the web application
- Defined the computational boundary between server and client side, keeping efficiency and code reuse in focus
- **Technologies:** C#, AJAX, JavaScript, HTML, CSS