Pooja Narasimhan
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EDUCATION

Northeastern University, Boston, MA
Master of Science in **Information Systems**   **Dec 2017**
Course Work: Application Engineering and Development, Web Design and User Experience Engineering, Web Tools and Methods, Database Design and Management, Data Structures and Algorithms, Advance Data Science and Architecture

Anna University, Chennai, India
Bachelor of Engineering in **Computer Science**   **May 2015**

TECHNICAL PROFICIENCY

Languages	:	C, C++, JAVA, C#, R, Python
Web Technologies	:	Bootstrap, AngularJS, JQuery,JavaScript JSP, Servlets, Ajax, JSON, XML, REST
Framework	:	MVC, AWS EC2, Spring, Hibernate, Jasmine , ASP.NET, JUnit, Selenium
Databases	**:**	MySQL, Oracle PL-SQL, MongoDB
Operating System	:	Windows (XP, Vista, 7), Android, Linux – Ubuntu, UNIX.

PROFESSIONAL EXPERIENCE

iNautixTechnologies, A BNY Mellon Company
Application Developer   **Jun 2015 - Dec 2015**
- Redesigned customer service menu using AngularJS and Web Service which improved the responsiveness and cut down the customer log-in time close to 25%.
- Automated an end-to-end testing using the Jasmine framework improving the overall reliability and added value over 25K.
- Designed and developed a critical Forex transaction service between financial institutions which enabled the treasury service to transfer funds at a success rate close to 100%.

iNautixTechnologies, A BNY Mellon Company
Application Developer Intern   **Feb 2015 - May 2015**
- Used incident management tools such as JIRA to record and track status of incidents found during testing.
- Wrote Junit test cases for over 100 classes which increased the test coverage by 36% and supported build activities on a regular basis.
- Earned "Burning Start Award" during internship for adding value to treasury services.

TECHNICAL PROJECTS

Advanced Data Analysis with Predictive Forecasting   **Sept 2016 – Dec 2016**
- Imported data from DOTA API for analysis using python and used MongoDB to store the JSON Objects.
- Implemented clustering algorithms and KNN algorithm to predict opponent's behavior.
- Used Pandas Library for statically analyzing the data and generated reports.
- Developed query answering system to provide further options using Muslea's algorithm.

Secure Drug Delivery System   **May 2016 – Jun 2016**
- Designed and developed a medical system using Spring MVC, Hibernate, and Maven with which patients are provided online prescription to prevent over dosage of drugs.
- Created dynamic web pages using web design technologies like Angular JS, HTML5, CSS3, JavaScript, and JQuery that increased the responsiveness of the site by 75%.
- Integrated Google Map API to find the nearest hospital and pharmacy and Implemented spring security to enable secured login for users.

Virtual Reality Gaming with Sensation   **Jan 2016 – April 2016**
- Developed and designed a database for a virtual reality game to create a range of tactile sensations on human body to mimic the impact of bullets and explosion in the virtual world
- Created triggers and stored procedures to calculate sensation levels, point of impact in the 3D model and to calculate team scores.
- Used Hibernate to integrate the game interface with the database and Implemented different types of database backup to reconstruct lost information.

Online Payment System   **Jan 2016 – April 2016**
- Developed a secure online payment desktop application which uses 'Cued Click Points' for login page to increase the protection of the system and encrypted the data using AES before storing it in a database.