JASNEET KOHLI

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PROFESSIONAL SUMMARY

Intend to work as **Software Developer** in a well-known organization on basis of a master's degree in Computer Science, with proven experience and extensive knowledge and experience in agile development methodology.

PROFESSIONAL EXPERIENCE

NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES | Albany, NY   **June 2018 – Aug 2018**
QA Analyst (Intern)

- Develop and optimize automation scripts for Smoke Testing, Functional Testing, Regression Testing to increase the average turnaround time.
- Experience in Software Development lifecycle that includes gathering test requirements, building test cases, detecting defects, analyzing, reporting and validating defects using HP Application Lifecycle Management Tool.
- Experienced in developing reusable functional libraries, automated test scripts and optimizing existing scripts in **Katalon Studio** using groovy.
- Experience in developing automated scripts in Selenium and optimizing existing Selenium Framework using java.
- Experience in developing the extent reports in Selenium web driver that generate reports in html and capture screenshot of any occurrence of exception.

ALL SOFT SOLUTION AND SERVICES| India   **May 2016 – July 2017**
Full Stack Developer

- Experience in **developing Web Applications using technologies Java/J2EE, Web services, Multithreading programming, Spring and Hibernate.**
- Good understanding of **distributed architecture, cloud computing principles.**
- Knowledgeable on configuration, development, deployment including maintenance of live JAVA projects to help in achieving business goals of customer.
- Can handle development and maintenance of VM Management, S3 buckets, RDS, VPC, Subnet, Cloud Formation, Volume management, Sync of Volume Management and Snapshots of disks in Amazon.
- Experienced in developing web applications with **HTML5, CSS3, Bootstrap3, JSP, jQuery and JavaScript** and has a good hold on **MySQL**.
- Knowledge and experience in **Spring & Hibernate** frameworks**.**
- Hands on experience in using **Tomcat** server.
- Good knowledge on using Source Control tool – **Git**
- Knowledge and experience working on **LINUX (Red Hat)** system**.**
- Possess very strong communication skills and can at ease relate and communicate with team mates, end users and clients.

INFOSYS | India   **January 2016 – May 2016**
Software Developer (Intern)

- Experience in developing web-based application based on C# MVC architecture.
- Worked collaboratively in Agile Environment and explicitly followed Software development life cycle.
- Experience in developing application views using Front-end technologies by implementing HTML5, CSS3, JavaScript, AJAX, jQuery, Bootstrap 3.
- Developed various application modules including language translator, locating nearest police station, crime analytical statics.
- Exposure to boundary value analysis and functional testing.

PROJECTS

Rental Property Management System (https://github.com/njain3/RentPropRepo **)**
Rental Property Management System is intended to meet requirements of administrator, residents, and visitors of apartments; application stores information about apartment availability, residents, maintenance and other details.

- Developed to provide convenience, ease of access and single point of access to information and other administrative.
- Created **UML and Sequence** diagrams, GUI using HTML5, CSS3, jQuery, java-script and Bootstrap. Used Java as backend.
- Offers users various functionalities which include all possible scenarios which may arise in an apartment.

- Developed using **Java J2EE, jQuery, JavaScript, JSP Ajax, Servlets, JSP, bootstrap, Hibernate, HTML5, CSS3 and MySQL, Agile/SCRUM Methodology**.

Gaming Recommendation System (https://github.com/JasneetKohli99/Game-Recommendation-System)
- Build the recommendation system that used to recommend the user game that user should play on the basis of the previous games that is been played by them.
- In this the data is been collected in form tweets from twitter which is then filtered and used to train the testing data using the classification model i.e. SVM.
- Then Further clustering is used to group the similar data and find the games that were similar to each other and then using that clusters the game is been recommended to the user using association rule mining.
- Techniques used: **Geocoding, filtering, clustering, classification - SVM, Association rule mining**.
- Languages and Tools: **Python, PyCharm, Twitter API**.

Internet Path Analysis using Planet Lab
- Implemented an Internet measurement framework to monitor performance at every hour for 14 nodes distributed across all 7 continents.
- Data from PlanetLab nodes were collected in log files that were parsed as inputs for graphs using awk and grep.
- Data outages, inconsistencies, route fluttering, temporary and permanent node failures were plotted.

Library Management System
- The application used by the admin to add, delete, or update the existing book details, staff details and implemented the login of Library member that can see the availability of the book and issue the book.
- The normal users to view the details of the book only also use the application.

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TECHNICAL SKILLS	
Operating Systems	Windows XP/7/10/Server 2012, Unix, Linux
Programming	C\C++, Core Java, JSP Servlets, HTML5, CSS3, JavaScript, Bootstrap, C#, VB, SQL, T-SQL, PL/SQL, JavaScript ES8, Spring MVC, Hibernate, jQuery
Tools	Eclipse, Microsoft Visual Studio, Putty, Wireshark, Network miner
Database Management	MySQL, Oracle
Testing Frameworks	J-Unit, TestNG, Selenium, Katalon Studio, HPALM
Data Analytics Tools	Hadoop - HDFS, Map Reduce, Hive, Sqoop, Pig
Cloud	Amazon Web Services - EC2
Version Control	GIT, Subversion
Others	Microsoft Office, Microsoft Project, Apache Tomcat

EDUCATION	

University at Albany, State University of New York, Albany, NY   **August 2017 – Present**
MASTER OF SCIENCE: COMPUTER SCIENCE   GPA: **3.67/4**

Punjabi University, India   **August 2012 – May 2016**
BACHELOR OF TECHNOLOGY: COMPUTER SCIENCE   CGPA: **8.28/10**