

Arpit Kapoor

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EDUCATION

Robert H. Smith School of Business, University of Maryland

December 2017

Master of Science in Information Systems

GRE: 322

Coursework: Data Models and Decisions, DBMS, Managing Digital Business Markets, BigData, Data Mining and Predictive Analysis, Strategic IT, Business Process Analysis, Data Networks and Infrastructure

Thapar University, Patiala, India

June 2013

Bachelor of Engineering, Major: Electronics Instrumentation & Control

Technical Skills:

Programming Languages: C, C++, Perl, Shell scripting, SQL, Python

Tools: Cygwin, Iperf, Tera Term, Perl Modules, Wireshark, Jenkins, Fail2ban, Apache-Tomcat, Git, Ansible, Microsoft Office, Tableau, Excel, Salesforce, SQL management studio, Lucid Chart

Operating Systems: Windows, Linux, MAC OS X

PROFESSIONAL EXPERIENCE

Lybrate India Pvt Ltd, Faridabad, India

2015 – 2016

DevOps Engineer

- Managed a 3-member team, responsible for daily build and releases, maintaining website to support over 3000 daily transactions. (Jenkins, AWS, Apache-tomcat)
- Planned and developed automation frameworks, analyzed and implemented new tools and methods to scale technology. (Shell, SQL, Ansible)
- Installed and implemented security programs for 8 servers and monitored network inefficiencies.
- Analyzed user feedback and reported critical software bugs, resulting in customer satisfaction and relationship management.
- Supervised configuration of a tool to prevent phishing attacks. This helped reduce constant monitoring procedures and workload, bringing down server overloads by 50%. (Fail2ban)

Cavium Networks India Pvt Ltd, Bangalore, India

2013 – 2015

System Validation Engineer

- Coordinated testing across 4 offices to ensure product testing, End to End testing, IPsec testing for 3 products. (LTE small cells and Cellular Base Stations)
 - Collaborated with developers, clients, on site teams, creating and testing in on field conditions to ensure reliability of product.
 - Created and Executed Test plans, performed rigorous testing of release and features to ensure delivery of an efficient and functional product.
 - Conducted quality and functional testing and reported software bugs with a sample of 128 users, incorporated network feedback. (TM500, Bugzilla, Wireshark)
 - Developed automation framework for End to End testing. Used across 3 teams, decreasing manual work and mistakes by 75%. (Perl, Shell and Socket Programming)
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PROJECTS

University Rankings Database

- Gathered, extracted and processed data regarding three courses MBA, MSBA, MSIS across universities in the US to design an aggregator.
- Performed data transformation and upload to SQL server using SQL server management studio.
- Used Salesforce to help visualize the data using dashboards and reports.

Telecom Services Analysis

- Worked in a team of 5, to analyze and provide technology consulting to a telecom service provider based in Zambia.