**Shruthi K**

**724-777-3406**

291 Avon Rd

Devon,PA

[Shruthikri07@gmail.com](mailto:Shruthikri07@gmail.com)

**SUMMARY**

A multi skilled professional with good knowledge on Software Quality. Strong Experience in Database technologies like SQL and MySQL. Skilled in reporting technologies like OBIEE and certified by Oracle. Driven professional with broad technical skill-set, strong attention to detail. Able to multitask and juggle multiple pressing projects simultaneously. On top of the latest trends and technologies. Knowledge on Linux servers and apache tomcat. Ability to improvise, troubleshoot, take ownership, and learn new skills on the job. Excellent interpersonal and communication skills and ready to take an independent or team challenge.

**TECHNICAL SKILLS**

* **Programming Languages:** C++,Java
* **Scripting Languages** : HTML,CSS,PHP,JavaScript
* **Operating Systems:** Linux, Windows 07, 08, UNIX, Ubuntu
* **Tools/Applications**: Parasoft SOA Test ,SOAPUI, Quick Test Professional (QTP), Parasoft Load Test, Selenium, Zephyr, Splunk, HP ALM (Quality Center), JMeter, Clear Case, Clear Quest, Jira, Jenkins, GoCD, SVN, GitHub, Kibana , Cloud Foundry, Rally, Ping federate, Advanced REST Client, AppDynamics, Couchbase, RDM UI, Slack, Sigma RDM
* **Reporting Tools :** Oracle 11g
* **Databases Technologies**:MySQL and SQL Server

**EXPERIENCE**

**Comcast,** Philadelphia, PA **Feb 2015 to Nov 2016**

**QA Test Engineer**

Comcast Corporation is a U.S. based international mass media company and is the largest broadcasting, cable company and home internet service provider.

**Responsibilities**

* Involved in functional testing of different web services that are migrated to cloud.
* Used **Rally** to plan user stories, track iteration status, team status and also tracking of defects and to log our efforts task.
* **Parasoft SOA** Test is been used for creating automation scripts which are stored and maintained in SubVersion and GitHub.
* Developed automated scripts using Selenium Web Driver in Eclipse IDE to perform functional and regression testing for web based applications
* Involved in regression and progression testing
* Extensively worked on the Guide functionality testing for Video Devices such as DTA and set -top boxes like RNG, X1,Xi3
* Exclusively performed Sanity test for XRE releases in RNG 150,XG1, Xi3 BOXES using Zephyr test cases and monitoring the errors and exceptions using Splunk
* Performed extensive Positive and Negative testing, so as to crack any defect that could exist,   
  thereby helping to create an as perfect, error-free, end product.
* Presented product demo session on regular basis to show case the product progress to executive management team.
* Experienced in creation of Metrics and Test Status Reports like Daily and Weekly Test   
  Execution status Reports
* **GOCD** a continuous deployment system was used to trigger automation test scripts and for storing results as a report.
* Use of **Cloud Foundry** application for verifying backend, frontend and concise logs and also to build, deploy, run and scale applications on variety of public and private cloud instances.
* Involved in **Couch-base** Failover testing to ensure the traffic is routed continuously to the nodes with minimum number of nodes shutting down in a cluster.
* Involved in production testing by verifying all the responses against the baseline ESP component and verifying frontend, backend and concise logs.
* **AppDynamics** was used as application performance management tool to detect, fix software code issues and to manage the availability of applications across cloud computing environments.
* Worked with **SQL Server** in tuning SQL Queries for improving query performance and for testing CRUD operations in the back end database

**Teaching Assistant,** The University of Akron **Dec 2013 – Dec 2014**

* Worked as Teaching Assistant for Unix System programming under Dr.Chan where my main responsibilities were grading course projects and teaching lab sessions.
* Worked as Lab Instructor for C++ Under Dr. Liszka
* Worked as Teaching Assistant under Dr.Liszka
* Worked as DB Admin and took responsibility for the maintenance of course database in Computer Science department for 1 year

**WIPRO TECHNOLOGIES June 2010 to Jan 2013**

Worked as Software Test Engineer under **SOA QA team** for 2 years 8 months and worked with performance on various domains like Customer N Account, Offer order,e-Communications, Retirement planning for **Schwab Client**

**Responsibilities**

* Worked in the **Agile** environment for tracking testing efforts and updated daily on **scrum** meetings.
* Analyzed and documented functional and technical specification of the web service to be tested
* Actively involved in preparing Test Cases and Test Data with clear understanding of the web service functionality
* Actively attended on frequent basis for review meeting with **Schwab clients** and onsite coordinator for the test cases that are prepared and tested
* Developed automated test suites for **SOAP** and **Restful** Web Service using **Parasoft Test Tool**
* Validated the **SOAP** xml response of web services and Querying the database tables (**IBM DB2**) to validate transactions created by the web services
* Usage of **Clear Quest** and **Visual Studio TFS tools** for tracking and reporting the defects
* Conducted Performance testing using Parasoft Load Test tool and **Load Runner** for some of the web services on requirement
* Involved in scripting using Python
* Designed and implemented extensively basic/complex SQL queries for backend testing

**DRDO (LRDE)-Ministry of Defense, India**

* **Real-Time Multi-Target Scenario Generator** – Software application that generates the real time multi target scenarios to test the radar tracking system for its accuracy in tracking the true targets and the tracks generated
* Involved in all SDLC activities viz. Design, Development, Testing the software and involved in documentation of project
* Worked on **Real-Time Multi-Target Scenario Generator** using C# .net

**PROJECTS/INTERNSHIPS**

**Graduate Level**

* **Project - Image Segmentation**, implemented image segmentation tool separating foreground image from background image in greyscale image using Java and GUI interface
* **Project** - Developed a **Book search engine** using **C#** and **Python** that provides unified access for users to multiple book websites.
* **Project** - **Zip Card Analytics** – Web application to analyze and display the student related statistics from the zip card transactions and course registration ( Source: University of Akron)
* **Project** – **Home Loan Analytics** – Built a classification prediction model to predict the Denial/ acceptance decisions for the Home loans based on HMDA historical data.
* **Project – Hadoop and Hive research** work through case studies and challenging programming tasks.

**CERTIFICATES**

* Oracle Business Intelligence Foundation Suite 11g Certified Implementation Specialist
* Trained as Application programmer under Infosys Campus Connect Program in college
* Received Certificate of Recognition, ”Feather In My Cap”, for my hard work, performance and dedication for the projects I worked in Wipro Technologies

**EDUCATION**

**Masters of Science in Computer Science**

* The University of Akron, Akron, Ohio
* GPA: 3.8/4.0

**Bachelors of Technology in Information Science**

* Acharya Patashala College of Engineering, Bangalore, India
* Percentage: 71.15%

**EXTRA-CURRICULAR**

* Champion in martial arts
* Aerobics Instructor –Reebok Instructors Alliance (RIA) Certified
* House captain in high school
* Participated in scholastic readers club
* Volunteered for the events conducted in college fests