Praneeth Eraganaboina

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Professional Summary

➢ Having total 3 years of IT experience with 1 year as a Java Developer and 2 years as Performance Tester and Automation Tester.

➢ Sound knowledge in Software development life cycle and performance testing life cycle based on agile scrum.

➢ Well versed in using Software Development Life Cycle (SDLC) methodologies based on **Agile, Scrum, Waterfall Model, and Iteration** in developing web applications using **Java, J2EE.**

➢ Actively involved in **Microservices** design, development and deployment.

➢ Developed applications using frameworks and API like **Spring**, **Spring IOC, Spring Boot, Spring MVC, ORM and Hibernate.**

➢ Worked with Web Services (**REST**) and service-oriented architectures.

➢ Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (**UI)** Technologies like Object Oriented **Angular, Type Script, HTML, JSON.**

➢ Proficient in writing **SQL queries.**

➢ Experience in NoSQL databases like **MongoDB,** which offers high performance and easy scalability.

➢ Strong database skills in **Oracle, MySQL, MS SQL Server Postgres** and Solid understanding of Database Management System.

➢ Practiced Unit testing like **Junit**, **Mockito,** User Acceptance testing and functional testing of Web Application using **Selenium.**

➢ Experienced in working with testing tools like **Postman, and Swagger UI.**

➢ Proficient in working with Performance tool like **Jmeter, Blazemeter.**

➢ Worked as Selenium Automation tester using **Cucumber framework, Java, Gitlab and Jenkins.**

➢ Expertise in developing complex performance scripts in different protocols like Web (Http/Html) and Web Services.

➢ Executing different types of Performance Tests like Failover, Baseline Testing, Load Testing, Stress Testing and Endurance Testing.

➢ Monitoring Performance Metrics (CPU & Memory Utilization of servers, Average Response time, Throughput etc.) during execution.

➢ Having good exposure to collecting Web, Application and Data Base Server Counters and Log files during execution on different types of Windows and UNIX boxes.

➢ Good knowledge on usage of Fiddler and HTTP chrome.

➢ Extensively used the build tools like **Jenkins.**

➢ Extensively used the version control tools like **GitHub and Bitbucket.**

➢ Proficiency in developing build & deployment scripts using **Gradle, Maven.**

Education Qualification:

➢ Bachelor of Technology (Computer Science Engineering) from Mahatma Gandhi Institute Of Technology (JNTU-H), Hyderabad.

➢ Pursuing Masters of Computer Science from University of Alabama at Birmingham.

Technical Skills:

Skills	Tools
Languages	C, Core Java, Java
J2EE Technologies	Servlets, JDBC, JSP, EJB, Java Security, AWT, Applets
Web Technologies	HTML5, CSS, JavaScript, TypeScript, AJAX, JSON
Tools & Framework	Spring, Spring MVC, Hibernate, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Junit, MAVEN, Angular, Bootstrap UI, Cucumber
Web/App Servers	Apache Tomcat
RDBMS	MYSQL, Oracle, MongoDB, PostgreSQL
IDEs & Editors	ECLIPSE, IntelliJ, Visual Studio
Testing Tools	Selenium, Junit, JMeter, Blaze meter, Soap UI
Operating System	Windows, UNIX, LINUX
Version Control	GIT, Jenkins, Bitbucket
Other Software	JIRA, Azure DevOps
Network Sniffer Tool	Http chrome, Fiddler & Blaze meter Chrome Extension, Bad Boy tool

Project Experience:

Project#1:

Title and Client	BT Whole Sale
Duration	September 2019 to November 2020
Team Size	6
Domain	Telecom

Project Summary
BT Wholesale and Ventures was a division of United Kingdom telecommunications company BT Group that provided voice, broadband, data, hosted communication, managed network and IT services to communications providers (CPs) in Great Britain. It was merged with BT's Business and Public Sector division to form BT Enterprise . The initial phase required us to create everything

from scratch starting from requirements gathering, integration and reporting in a stipulated timeline.

Role:
The key responsibilities are:
- Gathered the requirements and design scenario and execute test and report results.
- Involved in automation testing activities right from functional requirement gathering to regression testing & result reporting.
- Developed scripts for complex and negative scenarios.
- Performed script maintenance and regression test cycles.
- Chasing issues with Developers within the specified timelines and rectifying as and when required

Project #2

Title and Client	BT UKB(Retail)
Duration	December 2020 to June 2021
Protocol	Web (HTTP/HTML), web services
Team Size	2
Domain	Telecom

Project Summary
BT Group plc (trading as BT and formerly British Telecom) is a British multinational telecommunications holding company headquartered in London, United Kingdom. It has operations in different countries and is the largest provider of fixed-line, broadband and mobile services in the UK, and provides subscription television and IT services.

Role:
The key responsibilities are:
- Gathered the requirements and strategic a Test Plan, design scenario and execute test and report results.
- Involved in End to end performance testing activities right from NFR gathering to capacity planning, load test execution & analysis
- Performance Test plan and test strategy documentation for the agile practice
- Preparation of test traversal documents based on requirements.
- Performed integration of Git, Jenkins and Blaze meter for test execution on adhoc request.
- Develop customized scripts to simulate the Load
- Develop the scenarios for Baseline, Load, Endurance and Stress
- Prepare test report using client side and server-side metrics
- Analyze test results and communicate to certify the application performance
- Chasing issues with Developers within the specified timelines and rectifying as and when required

Project #3

Title and Client	BT Whole Sale
Duration	December 2020 to June 2021
Protocol	Web (HTTP/HTML), web services
Team Size	Individual contributor
Domain	Telecom

Project Summary

BT Wholesale and Ventures was a division of United Kingdom telecommunications company BT Group that provided voice, broadband, data, hosted communication, managed network and IT services to communications providers (CPs) in Great Britain. It was merged with BT's Business and Public Sector division to form BT Enterprise .Being part of the team required us to create and develop scripts using Apache JMeter, executing load and stress tests in Blaze meter, Analyzing test results, sharing the report and logging the defects.

Role:

The key responsibilities are:

- Gathered the requirements and strategic a Test Plan, design scenario and execute test and report results.
- Involved in End-to-end performance testing activities right from NFR gathering to capacity planning, load test execution & analysis
- Performance Test plan and test strategy documentation for the agile practice
- Preparation of test traversal documents based on requirements.
- Developed and enhanced scripts in different protocols using JMeter and designed scenarios for Baseline, using Blaze meter to generate realistic load on application under test.
- Develop the scenarios for Baseline, Load, Endurance and Stress
- Prepare test report using client side and server-side metrics
- Analyze test results and communicate to certify the application performance
- Chasing issues with Developers within the specified timelines and rectifying as and when required

Project #4

Title and Client	KeyBank
Duration	July 2021 to August 2022
Domain	Banking

Role:
The key responsibilities are:

- Responsible for developing the web/UI pages using Angular, HTML5, CSS3, JavaScript, Bootstrap, JSON.
- Performed a lot of DOM operations for loading and manipulating dynamic content on web pages.
- Implement OAuth tokenization for RESTful web services using Spring boot.
- Used spring config server for centralized configuration and Splunk for centralized logging. Used Jenkins for Microservices deployment.
- Adoption of new principles such as responsive design, mobile first and adaptive design using Angular libraries using Typescript.
- Used HTTP Request to read data from web servers and process JSON data to render in the UI.
- Connect Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
- Used Spring Boot to create stand-alone spring applications.
- Implemented Micro Services based Cloud Architecture using Spring Boot and implementation of Business Services using the Java and Spring Boot.
- Worked with Angular forms, modules, DOM, events, expressions, controllers, filters, and Http Request

Personal Details:

Nationality   : Indian
Gender   : Male
Marital Status   : Single
Languages Known : English, Hindi, Telugu and Marathi