# Vishnu Priya Kankanala
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### Career Objective:

Aim to work in a challenging work environment where I can utilize my expertise in resolving the problems in test and advocate my analytical skills towards the growth of the organization.

### Profile Summary:

- 4 Years of industry experience in the area of Software Testing (**Manual and Automation**), **AWS testing** with a solid understanding of Test Planning, Test Design, Test Execution and Defect Reporting & Tracking.
- Experience in **Java Programming**, **Selenium WebDriver and TestNG**.
- Expertise in implementation of **Page Object Model, Hybrid framework** with Maven dependency tool.
- Experienced in **Web-Services testing, Postman, Elastic-Search and UNIX commands**.
- Working knowledge of ELK stack (**Elastic-Search, Logstash, and Kibana**)
- Well acquainted with all phases of SDLC and STLC.
- Experience in Data driven Testing and Parallel Test execution using Selenium WebDriver, TestNG and selenium Grid.
- Experience on POM approach scripts development using WebDriver.
- Well versed with Handling Elements in Selenium WebDriver.
- Participated extensively in **Functional Testing, Regression Testing, GUI Testing.**
- Good knowledge in all stages of **Agile Methodology**.
- Defect Reporting and Tracking using JIRA.

### Education Summary:

- B.Tech(CSE) from Sridevi Women's Engineering College(2015) JNTU, Hyderabad.

### Professional Experience:

- Currently Working with **TechMahindra Pvt.Ltd, Bangalore** as a QA analyst since March, 2017 to till date

### Projects Details:

**Project 1:- Elastic-Search enhancements (March 2017 – till date)**

- **Description:**

**Elastic-search** is a search engine based on Lucene. It provides a distributed, multitenant-capable full-text search engine with an HTTP web interface and schema-free JSON documents. Elasticsearch is developed alongside a data-collection and log-parsing engine called Logstash, and an analytics and visualization platform called Kibana. The three products are designed for use as an integrated solution, referred to as the "Elastic Stack" (formerly the "ELK stack"). In nonprofessional terms, it is just a search engine. Furthermore, the tr-security and tr-indexcleaner two new enhancements in Kibana, along with these many elastic-search plugins like, tr-maydayAlerts,C3PO etc. which are specifically enhanced to support customer's requirements.

- **Tools:**

  Google Chrome, Selenium for Kibana, Postman for Elastic-search, MT Putty to access UNIX servers, Eclipse, GitHub, Jenkins, Maven, AWS(Amazon web-services).

- **Roles & responsibility:**

  - Involve in understanding requirements and system study on SRS.
  - Design test scenarios, test cases, and test data using MS Excel.
  - Involve knowledge sharing and daily stand-up meetings.
  - Execute the test cases manually, log defects in JIRA when found and monitor until closure.
  - Automate manual test cases by calling Elastic-Search REST APIs using TestNG.
  - Run the regression, test the failed test cases manually, log bugs and share reports to the team.
  - Maintain automation scripts, check-in codes to GitHub, enhance the framework.
  - Designed the whole framework for Kibana user interface using Selenium.
  - Integrated the Kibana UI framework with ES web-services REST API automation framework.
  - Set up Elastic-Search stack in AWS to test all Thomson Reuters enhancements.
  - Manually test TR Elastic-Search plug-ins and enhancements in on premise and in AWS as well.

**Project 2:- AWS Elastic-Search Loader services (June 2018 – till date**)

- **Description:**

  **AWS Elastic-search** Loader is a fully managed service that makes it easy for you to deploy, secure, and operate Elasticsearch at scale with zero down time. The service offers open-source Elasticsearch APIs, managed Kibana, and integrations with Logstash and other AWS Services, enabling you to securely ingest data from any source and search, analyze, and visualize it in real time. Amazon Elasticsearch Service lets you pay only for what you use – there are no upfront costs or usage requirements. With Amazon Elasticsearch Service, you get the ELK stack you need, without the operational overhead.

- **Tools:**

  Postman for Elastic-search, MT Putty to access UNIX servers, Eclipse, GitHub, Git Bash, Jenkins, Maven, AWS(Amazon web-services) APIs.

- **Roles & responsibility:**

  - Involve in understanding requirements and system study on SRS.
  - Design test scenarios, test cases, and test data using MS Excel.
  - Involve in brainstorming, knowledge sharing and daily stand-up meetings.
  - Set up ES stacks in cloud formation, deploy instances in EC2 of AWS.
  - Execute the test cases manually, log defects in JIRA when found and monitor until closure.
  - Designed the whole automation framework using AWS APIs say S3, SQS, DynamoDB etc.
  - Run the regression, test the failed test cases manually, log bugs and share reports to the team.
  - Maintain automation scripts, check-in codes to GitHub, enhance the framework

**Personal Profile:**

- Father's Name : K.Venkataramaiah
- Mother's Name : K.Geetha Lakshmi
- Nationality : Indian
- Address : Naidu Layout, Shanthipura, Electronic City Phase-2, Bangalore-560100

**Declaration:**

I am confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

**(Vishnu Priya K)**