Menaka S V

Email: menakasv87@gmail.com   **Phone: 7624992386**

CAREER OBJECTIVE:

Looking to obtain a Software Tester position, to apply 2.6 years of software focused test engineering experience. Offering profound understanding of test processes and V-model development methodologies, exceptional leadership and interpersonal skills. Experienced user of Bugzilla, and always on the pursuit towards ideas from both sides of extreme.

PROFESSIONAL EXPERIENCE SUMMARY:

- ✓ 2.6 years of rich work experience in the domain of manual software testing with Power Research and Development Consultants Pvt. Ltd.
- ✓ Strong knowledge of STLC and SDLC with experience in writing & executing test cases and test scenarios.
- ✓ Experience in various types of testing – Functional, Regression, Scenario, Client-server based, Web based in environments like Win XP.
- ✓ Cooperated with developers to design 50+ test cases for regular maintenance and enhancements for internal applications.
- ✓ Executed functional testing of ~300 test scenarios in each year.
- ✓ Worked with Bugzilla for reporting on bugs.
- ✓ Supervised and co-created testing and defect-tracking documentation with 100% closure rate.

EDUCATION:

2009 B.E in Computer Science
Visvesvaraya Technological University (VTU)

TECHNICAL PROFICIENCIES:

- ➢ Programming Languages   **: -** Python, C.
- ➢ Database   **: -** MySQL.
- ➢ Proficient in Advanced Microsoft Excel for statistical modelling.
- ➢ Applied Statistics: Descriptive and Inferential statistics for hypothesis testing.
- ➢ Machine Learning: Building and testing Regression & Classification models – Linear, Multiple linear regression, logistic regression, PCA, Decision Trees, Random Forest, SVM, KNN and Naïve Bayes.
- ➢ TensorFlow
- ➢ Data Visualization   **: -** Tableau
- ➢ Operating System   **: -**   Win XP.
- ➢ Web Technologie   **: -**   HTML.

- ✦ Test plan creation

- ✦ Test processing

- ✦ Test strategies and coverages

- ✦ Compatibility testing

- ✦ Application testing

- ✦ Bug Report Oversight

- ✦ Manual test case preparation

- ✦ Defect monitoring

- ✦ Documentation skills

Manual Testing Projects:

Restructured Accelerated Power Development and Reforms Program RAPDRP (Web Based)*:*

- • *GIS based network analysis module helps in automating the work flows.*
- • Based Network Analysis module one can analyze and minimize the stress in understanding the whole system.

PROJECT 1 ***Description****: RAPDRP*	• The GIS Based Network Analysis module helps in automating the work flows which were manually done such as new consumer connection, consumer disconnection in which NA suggests which DTR is overloaded, normal and under loaded. By GIS Based Network Analysis module one can analyze and minimize the stress in understanding the whole system. The NA module is used for analyzing, designing, modeling of distribution system and creation and analysis of "What if' scenarios.
Role	Testing the application and raising the bugs.
	• Testing the applications.

Responsibilities	• Preparing scripts and executing scripts on the application.
Application Server	QTP 10, MiPSMS, Win Merge, Toad
Contribution	• Preparing scripts and • Involved in preparing and maintaining the documents as per the process followed in our organization.
Team Size	6 members.
Duration	1 year.

PROJECT 2 *Description*: *MiPDAP (*<u>MiPower Distribution system Analysis & Planning</u>*)*	The main purpose of this software is to do energy accounting for the power system network, Network mapping with consumer indexing for the Power system network with different voltage levels, and DTC wise loss assessment for the distribution network. There are six modules in this Project such as User Roles, MIGUI (Tracing & Editing, Asset management, Energy auditing, Report generation, Billing Interface, MRI Data downloading).
Role	Testing the application and raising the bugs.
Responsibilities	• Preparation of Test Scenarios, Test scripts, Libraries, Log files. • Involved in writing scripts and handling errors. • Involved in UI Testing, Regression Testing. • Responsible for Reporting & Maintenance of bugs using Bugzilla • Communicating with Development Team to define requirements and explain defects. • Review of changes requests
Application Server	VC++, .net, GIS, Oracle 10g, DB2, SQL Server and XML
Contribution	• Involved in preparing and maintaining the documents as per the process followed in our organization.
Team Size	6 members.
Duration	6 Months.

Machine Learning Projects:

- ✦ Capstone Project- Detecting which all features contribute to the strength
  Domain: Cement Industry
  Process: Data pre-processing, Feature Engineering, Feature Selection, Model Building,
  Model Evaluation, Model Selection, Model Deployment.
  Models considered: Decision Tree, Random Forest, KNN, SVM, Linear Regression,
  SVM, Lasso Regression, Ridge Regression, Ada Boost Regression, G Boost Regression

- ✦ Music Recommendation Engine – Spotify (Unsupervised Learning)
  - o Spotify Recommendation Engine for creating playlists based on user behavior.
  - o Non-Negative Matrix Factorization (NFM) – For Decomposing data.
  - o Euclidian distance between users for predicting the top 5 users and top 5 songs
    heard.
- ✦ Tested using K-Means Clustering.

- ✦ Consumer Behavior analytics for KTM showroom for determining window shopping customers.

  - o Identification of key parameters' leading to bike purchase.
  - o Preparation of data for building classification model.
  - o Build and tested – Logistic Regression, KNN, Naive Bayes, SVM.
  - o Evaluated model for best classification accuracy of Machine learning model for
    determining probability of purchase.

- ✦ Website Data Analysis of Xiaomi India Data Sample.
  - o Descriptive analysis of data variables.
  - o Website traffic analysis- day of the week effect.
  - o Correlation study of variables like time spent, pages viewed, amount spent o
    Forecasting using regression model

- ✦ Apple, I-pad pricing analytics model using Regression Techniques
  - o Determination of key influencers in I-Pad price
  - o Preparation of Data for multiple regression
  - o Predictive analysis for determining price of new I-Pads o Generated HTML code and
    deployed in Heroku and GitHub

- ✦ Data Visualization Dashboard & Story Telling for Facebook Pixel and Google Ads Campaign
  Data Implemented using Tableau
  - o Prepared custom visualizations for placement, weekday and daily
    view of Facebook Pixel
    Campaign data o Prepared custom visualizations for device, search type and daily view
    of Google Ads Campaign data
  - o Forecasting the revenue of Facebook Pixel and Google Ads
    Campaign data
  - o Different charts to study demography.

Certification:

- ✦ Data Science and AI certification program at Business Toys Pvt Ltd in Feb 2022

Additional Activities:

- Assisted in organizing Blood donation camp and donated blood to the **'BLOOD BANK OF INDIAN RED CROSS SOCEITY**'.
- Participated in cultural activities in school and college level.
- Participated in debate computation and won 2nd price.
- Member of sport committee in *PRDC*.
- Updating on new technologies.

Declaration:

I consider myself familiar with IT Aspects. I am also confident of my ability to work in a team and can handle any situation with a cool and positive attitude and hereby declare that the information furnished above is true to the best of my knowledge.

Date:
Place: Bangalore.   **MENAKA S V**