Trainer Profile – Sangram Kesari Mohapatro

Profile

- Having 6.7 Years in experience in IT Industry, extensively in development in python and automation/manual testing.
- Sound exposure to security domain and E-commerce domain, T-Mobile domain which covers order processing &report generation.

Educational Qualifications

- Perusing MS in Software system from BITS Pilani
- Master of Computer Application with First Class, From Khallikote autonomous college,
- B.Sc in Computer Application from Berhampur University,2005,Orissa
- +2 sc. With First Class, From KSUB College, Bhanjanagar

Career History

- Currently working as Freelancer

- Training conducted in python for Corporate client (Mindtree, NDS, Kyocera) and class room (for batches from Cisco, Synova, Wipro)

- Delivered Training on MySQL Basics + Advance for Mytectra, Mindtree, on-site clients

- Consulting Assignment from USA

- Working with Intel from April-2011 to July-2015

- Working as a contractor in McAfee on the payroll of Magna infotech from Aug-2010 to April-2011

- Keane India, Bangalore May 10 to Aug10 2010.

- Payoda Technology, Coimbatore Aug 2009 to Mar 2010

Technical Skills

Operating Systems	**Unix**, Machintos,Windows 95/98/NT/2000/XP, M.S DOS
Programming Languages	**Python ,Django,PL/SQL**, C,C#, Core Java,VB.NET
Scripting Language	Shell Script, VB Scripting, Java Script,Python,Perl
Browser's and Database	All IE,Safari 4,Firefox,Oracle 9.0,SQL Server2008,2012, MSQL
Automation Testing Tool	Python ,Selenium, Win Runner 7.0,**QTP9.5,QTP10**, Load Runner(Performance Testing)
Configuration Management Tools	Tortoise SVN

Bug Tracking Tools	**ALM,Test Director, JIRA,Bugzilla**
Test Management Tool	**Quality Center v9**
IDE Environment	Visual Studio2005

Project

Consultant   **August 2010 – Till Date**

- ### Whitelisting & Trust:
  The Whitelisting & Trust Operations are responsible for creating a massive repository of clean file database and reduce the false positives in the field.   The collection of clean files helps the daily DAT releases with an opportunity to test against a clean collection and release the DATs with confidence. Process. Malware researchers get the ability to test their signature against a decent good collection of files for their generic drivers for static scan

  Responsibilities:
  1. Did set up new a new Whitelisting Operations Framework for McAfee Malware Research Labs with a span of 9months and it released to worldwide.
  2. Developed and Provided support various internal McAfee tools by using Python (Get clean tool automation, sample download tool, metadata tool) for whitelisting process.
  3. By using Python-Django implemented Dashboard for Researcher.
  4. Created automated clicker for installing different software's with the help of python win32api and win32com.client for scanning with our antivirus beta-DAT to proactively identifying the false positive.
  5. Developed a complete real time whitelisting dashboard for complete whitelisting operation to measure the KPI of whitelisting.
  6. Developed a Portal for Whitelisting researcher for their daily research tracking.
  7. Involved in designing and implementing new services for Malware Operations and to support the Research efforts of McAfee labs, owning it from designing till implementing and then sustenance of the project.
  8. Scripts to automate the process analyzing malicious and clean samples using md5 hashes, grabbing metadata and download software's from virus info sites, download malicious exe, software download sites.
  9. Automation of Classification of file based of scan report.
  10. Rss feed crawler from different software site.
  11. Experienced in developing new team, training and mentoring teams for security product/service development
  12. Developed API to know the status of each whitelisted hash.
  13. Implemented threading module for downloading files from different public vendor sites.
  14. Created CMS automation framework for analyzing the files automatically based on own developed algorithm.

Tools: Python, PHP, Perl, MySQL, Sql server
Platform: Win XP, Server, Mac OSX

- ## FAS (False Aggregation System):
  The False Submission System will be a central system to acquire, store and report data on the field, internal and other false reports. All reported false which result in a source change or file classification change to address a false will be part of this system. This system will also include services to accommodate the Root Cause Analysis (RCA) process and a dashboard for the data.

  Tools: Python, PHP, Perl, MySQL, Sql server
  Platform: Win XP, Server, Mac OSX

  Responsibility:
  - Analyzing and understanding each project's environment, architecture, and interdependencies to determine and apply appropriate development and test methodologies and cases and preparing test environment accordingly.
  - Using a best and optimized approach for developing different module for the project.
  - Developed a wrapper module for storing data into data base from the feed in the form of csv, excel, xml, Json and html.
  - Implemented a complete automated email reporting and alert mechanism (email and SMS) in case of script down.
  - Designed a module for analyzing file with the help wire shark and file analyzer tool.

- ## Certificate Revocation List (CRL) Database and Monitoring System 1.0:
  In order to monitor the health of digital certificates for revocation by the Issuer, an automated monitoring system is needed.
  Digital certificates can be embedded in a signed file or contained in a catalog. The Issuer of the certificate will provide a Serial Number to the Signer (Subject) and usually at least one URL containing the Certificate Revocation List (CRL) for that Issuer. Any certificates which are revoked by the Issuer will be contained in the CRL by the Serial Number (SN). Serial numbers must be unique for each Signer provided by the Issuer. However, other Issuers could possibly use the same Serial Number therefore the SN is related to the Issuer and Signer duo.
  CRLs are published at the schedule prescribed by the Issuer and schedules may differ from Issuer to Issuer. The CRL contains a Last Update and a Next Update field indicating when the last and next scheduled CRL updates should be available

  Tools: Python, PHP, MS SQL
  Platform: Win XP, Server, Mac OSX

  Responsibility:

  - Taking part in every aspect of the Project life cycle such as Implementation, Coding, and Testing & Maintenance of this CRL System. Writing API for XML and Json File parsing, parsing different type of crl urls (http, https, ldap, and ftp).System Programming for Windows, Linux and all other framework related scripts, created automation script for storing related data to any relational database, implemented a complete automated email reporting and alert mechanism(email and SMS) in case of script down

- Applying expertise related to estimating, designing, developing and executing test procedures and cases based on requirements relevant to automated test planning and creation for product and system testing; depending on specific requirements, writing effective automated test cases or automated frameworks; performing software defect tracking and regression for identified project release.
- Contributing to the creation of status, technical, and management reports as and when required for all the status and review call.

- **Company Name: Keane India**
- **IRP:**

The Integration Replacement Platform project aims to remove all dependency on the Encina DCE platform and re-develop all services dependent on it. Technically, there are a number of distinct areas of the project.

1. Providing a new platform to host the replacement services (a.k.a the WSOA-Web Services Oriented Architecture platform).

2. Delivering the services to replace all existing services developed on the Encina DCE platform, including all dependent services and components.

3. Decommissioning the existing Encina services and retiring the Encina DCE platform note: this may well be carried out in a future phase of the IRP project.

Project Name   : IRP
Team Size   : 13
Environment   : Java, Linux
Database   : IBM Informix
Testing Tool   : Soap UI, QC
Client   : Orange UK

Roles & Responsibility:
- Knowledge on Agile Testing Methodologies.
- Good exposure in SOA testing with Soap UI in Telecom domain.
- Experience in preparing Smoke and Regression Test Suites and executing them.
- Participated in defect management and bug reporting.
- Good exposure in QC and Tech M internal tools JIRA.
- Having 24 months of in experience in Manual as well as Automation Tool (QTP, WR).
- Written automation script for regression scenario.
- Knowledge of Agile and Scrum development process
- Written test cases for unit level, functional and integration testing.
- Created test plans, decided testing strategies.
- Be a part of the Audit meeting.
- Preparing Bug Density.
- Preparing Estimation sheet for Testing Activity.
- Exposure in security and performance testing.
- Effective defect tracking and reporting to improve communications and reduce delay.
- Good understanding in SDLC and Various testing techniques.
- Testing experience in E-commerce application products.

- Experience in black box testing, systems testing, regression testing, E2E & sanity testing

- **BigIP**

Product Name	: Big IP
Team Size	: 3
Environment	: Java, Linux
Database	: MYSQL
Testing Tool	: TSL Script, TD 8.0
Client	: Bank of America

  Description:
  BigIp device is an application deliver controller, a category of advanced traffic networking and local balancing device. Once the user enters the system he searches the application by name, the system generates list of the pools for that application. The VIP name for the particular application is listed and based on the location of the application, and the server is elected and displayed to the application in statistical representation.
  Responsibility:
  - Prepared and executed the Test cases w.r.t sprint release.
  - Checking the load balancing
  - Preparing the Defect report.
  - Preparing Shell script for handling the File activity.
  - Involved in Unit Testing
  - Testing with backend
  - Involved in Functionality, GUI, Integrating and Regression Testing

- **Compliance View:**

Product Name	: Compliance View
Team Size	: 4
Language	: C#.NET
Database	: SQL SERVER
Testing Tool	: QTP, TD8.0
Client	: roomitup, USA

  Description :
  Compliance view is the product covered by the certificate. Citation to each CPSC product safety regulation to which this product is being certified. Identification of Us importer or domestic manufacturer certifying compliance of the products. Identification of any third party laboratory on whose testing the certificate depends. This application allows the importer to track all manufacturer certificates, Buyer Certificate, Cutsom broker, associating certificate to the Buyer.
  Responsibility:
  - Prepare and Design the automation framework.
  - Prepared and executed the Test cases
  - Prepare Automation script.
  - Involved in Unit Testing.

- Involved in Functionality, GUI, Integrating and Regression Testing.
- Involved in Sprint release and Scrum meeting
- Conducting Batch and Data Driven test.
- Conducted script reviews.
- Prepared defect Reports.
- Interacting with the developers for fixing of bugs.
- Prepared test status reports and Weekly Status Reports.

o **Ecommerce themes**

Product Name	: Ecommerce themes
Team Size	: 8
Tool	: Magento
Environment	: MAC, WINDOWS
Script Language	: PHP, JavaScript, CSS
Database	: MySQl
Testing Tool	: QTP, TestDirector
Client	: ecommerce-themes, Manhaton

Description:
 A robust and powerful solution for small and middle sized companies and large corporation. Through this a party can design an online shopping with providing PayPal gateway for online transaction. Easy content administration independent on design appearance. well-arranged user levels and user account management.

Responsibility:
- Prepared and executed the Test cases.
- Testing with magento back end tool.
- Involved in Compatibility testing in MAC.
- Writing Automation script for the sanity as well as regression scenario.
- Involved in Unit Testing.
- Involved in Functionality, GUI, Integrating and Regression Testing.
- Involved in Sprint release
- Conducted script reviews.
- Prepared defect Reports.

- **Digital Chocolate:**

Project Name	: Digital Chocolate
Team Size	: 6
Environment	: PHP, Flex, Word Press
Database	: MYSQL
Client	: www.DigitalChocolate.com

Description
 It provides an online store for all type of online game with different environment like Iphone, Mobile and System.

Responsibility:

- Prepared and executed the Test cases w.r.t sprint release.
- Checking the Performance of the application
- E2E testing.
- Device testing.
- Preparing the Defect report
- Involved in Unit Testing
- Testing with backend
- Involved in Functionality, GUI, Integrating and Regression Testing