

## RATIKANTA MAHARANA

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### **EDUCATIONAL PROFILE:**

B-Tech (Computer Science & Engineering) 2012, Barrister Ranjit Mohanty International Institute of Technology (BRMIIT), Odisha.

### **PROFILE**

- 6+ Years of professional experience in Software Development and Testing.
- Experience in Functional, Integration, System, Regression, Sanity, API, Database Testing
- Worked in Agile development methods Scrum.
- Hands on experience in standalone, web based and mobile application testing.
- Hands on experience in Software Designing, Development and Architecture.

### **TECHNICAL SKILLS:**

Testing Skills:	Manual, Functional, Integration, System, API, Database, Sanity, Regression, Mobile Application Testing
Platforms:	Windows, Linux
Server:	Server 2008,2012,2012 R2, Active Directory, AWS EC2
Tools:	Microsoft Excel, Word, Powerpoint, Jira, Confluence, Zoho, TestRail

### **CAREER SUMMARY**

- Expertise in Manual testing such as functional testing, regression testing, integration testing, system testing, user acceptance testing, GUI testing and Mobile application testing.
- Expertise in Requirement analysis, writing test cases, executing test cases, logging defects and preparing test reports.
- Hands on experience in web based and mobile application testing.
- Experience in Database testing using SQL queries.
- Good Knowledge on MS SQL queries and MS excel.
- Involved in delivery reports like Daily Status Reports, Weekly Status Reports and Monthly execution reports.
- Experience in interacting with clients and offshore team through Calls/emails to understand requirements and issue resolution.
- Knowledge of TestRail, Jira, Zoho, Confluence.
- Experience in API Testing – REST and SOAP.
- Experience on Test environment preparation and test cases execution.
- Experience on Project Management.
- Experience on Project Requirement data Collection and convey same to Development team (Backend and Frontend)
- Hands on experience on software life cycle management.
- Hands on experience on UX design as per the project requirement and convey the same to the Development team (Backend and Frontend).
- Hands on experience on Database Design as per the project requirement.
- Hands on experience on Application Development in Java Spring Boot.
- Hands on Experience on UI Development on Angular 4, HTML, CSS.
- Working experience on cyber security domain.
- Experience Active Directory architecture (Installing and Managing).
- Follow up with different teams to accomplish the task within project deadlines.

### **WORK EXPERIENCE:**

Cyqurex System Pvt. Ltd. (Hinduja Group)	Software Engineer	Feb'19-Till Date
	Responsible for multiple roles like project workflow, Database design, API creation, Active Directory Creation and connection with backend, manual, API, database, system, functional, integration, regression and mobile application testing	
Pacecome Technologies Pvt. Ltd.	Software Engineer	Jan' 18-Jan' 19
	Deployed at client location (Cyqurex System Pvt. Ltd., Bangalore) and responsible for multiple roles like project workflow, Database design, API creation, Active Directory Creation and connection with backend, manual, API, database, system, functional, integration, regression and mobile application testing.	

Cupazo Consulting Private Limited	Java Consultant	May'15-Mar'16
	Responsible for project work flow and database design using SQL, handled project R&D (spring, hibernate, CSS, HTML, Javascript, JQuery), Manual Testing, UI testing.	
SARC Software Solution	Software Engineer (Freelance)	Jun'13-Mar'15
	Handled project R&D, flowchart, database design and diagram, Manual Testing, UI Testing, created brochure and project background, project demo to clients	
IRD, India	Administrator	May'12-Mar'13
	Installation of OS, Diagnoses and resolves end-user network or local printer problems, PC hardware problems and mainframe, e-mail, Internet, WLAN and local-area network access problems.	

## **MAJOR PROJECTS:**

### **PROJECT-#1**

<b>Project Name</b>	-	SAIFE Management Console (SMC)
<b>Duration</b>	-	Jan' 2018 – Till Date
<b>Role</b>	-	DB Design, API Creation, UI and UX Design, Manual, API, DB, Application, Mobile Application Testing
<b>Organization</b>	-	Cyqurex System Pvt Ltd. (Hinduja Group)

### **Project Description**

- SAIFE is VPN replacement application that provides the Control Components of the Software Defined Perimeter (SDP) system. Components are Endpoint Certificate Manager, Deployment Manager, SAIFE Connect Server, Asset Access Control Policy and SAIFE-enabled endpoints (Windows, Android, IOS, MAC) which are loaded with a SAIFE Connect Client application.
- Endpoint Certificate Manager manages the lifecycle of SAIFE certificates (primarily Provisioning, SAIFE Group Membership, Revocation) and enforces access control to administrative functions associated with certificate lifecycle management.
- Deployment Manager consists a Dashboard is a browser-based application that interfaces with the Deployment Manager via a RESTful interface. The Dashboard provides the user experience for managing the SAIFE SDP system.
- SAIFE Connect Server, which provides Devices access to Assets, enforces custom static routes to Assets, as defined in an AACP, based on the SAIFE certificate of the remote SAIFE Connect Client enforces other conditions of AACPs that apply to it (e.g., deny access unconditionally during certain non-business hours)
- Asset Access Control Policy (AACP) is authored by the Deployment Manager and specifies the rules that the SAIFE Connect Server must follow to correctly enforce device access to assets. The AACP specifies the certificate-based asset access rules that become IP address static routing rules during operation, as well as access rules that can be based on time or geolocation.

### **Project Responsibility**

- Involved in the requirement gathering, analyzing functional documents and workflow and designing of prototypes based on that.
- Designing of underlying architecture along with other members of the team and preparing the base code for the application.
- Created REST APIs for different modules. And worked with UI team to integrate those API with Angular 4 applications.
- Mentored the offshore UI Team
- Involved in the creation, maintenance and execution of the Test Cases in TestRail.
- Involved in Manual, Functional, Device, Database, API, Application, Mobile Application Testing.
- Prioritize and prepare test cases for the in sprint and Regression Suite.
- Took part in the different meetings like Scrum Meeting, Daily Stand Up, QA Discussion Call, Sprint Backlog grooming and Sprint Retrospect Meeting.

### **PROJECT-#2**

<b>Project Name</b>	-	KL MoneyFlow Accounting
<b>Duration</b>	-	May 2015 – September 2015
<b>Client</b>	-	Forest Department (Govt. of Odisha)
<b>Technology</b>	-	PostgreSQL, Struts, Spring, Hibernate
<b>Tools</b>	-	Eclipse Java IDE, PostgreSQL IDE
<b>Role</b>	-	Coding, UI design, Report generation
<b>Organization</b>	-	Cupazo Consulting Pvt. Ltd.

### **Project Description**

- It is accounting web-based software for tracking money flow from PCCF to DFO for kendu leaves commissioned by the kendu leaves and making of Beedi under Odisha forest department.
- Here PCCF is the super admin who controls the whole software and its staff and also every person who is associated with this Beedi making process. Where the DFO is one admin of this software who look after and control his area wise data.
- The unique row and column interface of this software makes PCCF, CCF, DFO very easy to use.

### **Project Responsibility**

- Involved in the requirement gathering, analyzing functional documents and workflow from the clients and designing of prototypes based on that.
- Designing of underlying architecture along with other members of the team and preparing the base code for the application.
- Coding of several modules related to Admin and Security functionality as per the business requirements and preparing technical specification documents for those functionalities.
- Involved in Manual, Functional, Database, API Testing, UI Testing.
- Active participation in regular project status meetings, client calls and always acted as the sole point of contact for all the functionalities developed by me.

### **PROJECT-#3**

<b>Project Name</b>	- NFSM (National Food Security Mission) Portal
<b>Duration</b>	- September 2015 to January 2016
<b>Client</b>	- Agriculture Department (Govt. of Odisha)
<b>Technology</b>	- Spring, Hibernate, MySQL, JavaScript, HTML, CSS
<b>Tools</b>	- Eclipse Java IDE, Toad for MySQL
<b>Role</b>	- Coding, UI design, Report generation
<b>Organization</b>	- Cupazo Consulting Pvt. Ltd.

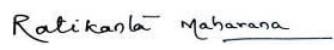
### **Project Description**

- It is a MIS project commissioned by the agriculture department of Odisha for National Food Security Mission.
- National Food Security Mission is a central scheme of Government of India launched to increase production and productivity of Rice, Wheat, Pulse, and Cereals. In which Government of India gives a target amount to the all-State Government in component and subcomponent wise. Where State Government distribute that target amount to his entire District. Where Beneficiaries can choose to draw loans from the Banks (District wise), in which case subsidy amount prescribed for a particular component for which the loan availed will be released to the Banks. Otherwise, it is directly allocated to state government which distributes among them.
- After that beneficiaries submit the working status to District Authority, then District authority to State Government and State Government to Government of India, and the work status is called Physical Progress and Financial Achievement.
- Where both State Government and Government of India check their respective Physical Progress and Financial Achievement through Pie Chart, Bar chart, Line Chart and Histogram, and generate the reports like Monthly Progress Report (MPR), Quarterly Progress Report (QPR), and Yearly Progress Report (YPR).

### **Project Responsibility**

- Analyzing the business functionality of the existing application and restructuring that to a new technology for enriching the user experience apart from providing enhanced functionalities.
- Involved in the requirement gathering, analyzing functional documents and workflow from the clients and designing of prototypes based on that.
- Designing of underlying architecture along with other members of the team and preparing the base code for the application.
- Coding of several modules related to Admin and Security functionality as per the business requirements and preparing technical specification documents for those functionalities.
- Involved in Manual, Functional, Database, API Testing, UI Testing.
- Active participation in regular project status meetings, client calls and always acted as the sole point of contact for all the functionalities developed by me.

Place: Bangalore

  
**Signature**