

# Rachana K.J

Lead/Senior Analyst



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📍 BANGALORE, KARNATAKA, 560078

**Certified Scrum Master, ISTQB, Lean Six Sigma Green Belt and Lean Six Sigma Black Belt** competent **B.E.(Information Science & Engineering)** professional, offering **11+ years** of experience in **software testing** currently with **Bioclinica** as Senior Analyst and previously at **Honey Well Technology Solutions Lab Bangalore** as *Senior Engineer* , **Holding a Patent** for “System for Custom Configuring Personal Protection Equipment”, **Having patent number** "WO2016111970A1"

**Worked on white paper** on “Simulation and automation of 3S Hearing (hearing device equipment)”.

- **Scrum Master Certified Agile practitioner.**
- Used Six sigma process in the team to improve the productivity.
- Handling the entire end to end testing, Managing the defect tracking process and presenting the deliverables to the client.
- Presenting the demo after each sprint to the offshore clients and documenting the feedback and
- Tracking the progress of the incorporation of those feedbacks.
- **Planning and keeping tab of the team members including manual and automation testers to complete the tasks as per the estimation and deadline.**
- Developing & Running the automation test and publishing the results and tracking the defects. Won Several accolades and appreciation in the form of certificates for the teamwork and individual excellence.
- Successfully conducted the bug bash events singlehandedly. Lead the team towards the successful delivery of many releases.



## Skills

- Requirement Gathering & Analysis
- Writing Acceptance Criteria
- SQL
- Writing Test Case Design / Execution
- Web App Testing
- Mobile app testing on Android Devices
- Python
- HTML, CSS, JavaScript, VBScript, Dreamweaver, BDD, ATDD (Acceptance Test Driven Development)
- Writing Acceptance Criteria
- Manual Testing
- Agile expert
- Creating Master Test Plan & Test Strategy Document
- API Testing, Rest Console, SOAP UI
- Windows based testing
- Test Complete, QTP
- JIRA, TFS, Contour ALM
- MTM (Micro Soft Test Manager)



## Work History

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2016-08 -  
Current

### **Lead/Senior Analyst**

***Bioclinica Inc., BANGALORE, KARNATAKA***

- Working as a Scrum Master leading the team of 9 members by tracking the progress, resolving the issues raised within the team and successfully leading the team towards quality product releases.
- Involved from requirements gathering to delivery of shippable product.
- Creating the Master Test Plan, Test Strategy Document, Test Cases.
- Lead all validation activities related to an assigned project.
- Communicate directly with applications development, clinical operations, Application support as it related to the validation activities of a given project.
- Creation and execution of 21 CFR Part 11 compliant test cases as they relate to audit trails, security and electronic signature.
- Writing the verification criteria, Breaking the epics in to user stories, Reviewing the test cases with Product owner.
- Reviewing the unit test cases, Involved in buddy testing in each sprint.
- Handling the entire end to end testing, Managing the defect tracking process and presenting the deliverables to the client.
- Training the people regarding the process, Project.
- Direct Interaction with the client and helping them during FAT and SAT testing.
- SORT Testing tool for compatibility and server configuration issues.
- Writing and executing the test cases For Backend Testing i.e. SQL.
- Running the automation test, Performance test and publishing the results and tracking the defects.
- Validated results and performed quality assurance to assess accuracy of data.

2013-07 -  
2016-07

### **Senior Engineer**

***Honey Well Technology Solutions Lab, BANGALORE, KARNATAKA***

- Experienced in Agile development process, involved from requirements gathering to delivery of shippable product.
- Creating the Master Test Plan, Test Strategy Document, Test Cases.

- Writing the verification criteria, Breaking the epics in to user stories, Reviewing the test cases with Product owner.
- Reviewing the unit test cases, Involved in buddy testing in each sprint.
- Handling the entire end to end testing, Managing the defect tracking process and presenting the deliverables to the client.
- Training the people regarding the process, Project.
- Direct Interaction with the client and helping them during FAT and SAT testing.
- Testing on Android mobile devices, using emulators.
- Involved with the hardware design and research team based in Norway for the continuous improvement of the product.
- SORT Testing tool for compatibility and server configuration issues.
- Writing and executing the test cases For Backend Testing i.e. SQL.
- Individually prepared test data i.e. synthetic files of 430 set of combinations using MAT lab and gendose tool which involves lot of calculations.
- Using the MATLAB for calculating the QDT (QUIETPRO Device Testing) where the data will be in hexadecimal data converting that to engineering data.
- API Testing using REST Console, SOAP UI tool.
- Running the automation test, Performance test and publishing the results and tracking the defects.

**2010-05 -  
2013-06**

## **Software Engineer**

***Theorem India Pvt Ltd, Mysore***

- Designed Front end GUI For Theorem Website Being a Key player.
- Trained 8-10 members of freshers for process of testing being a senior member.
- Test case planning, Execution.
- Bug Tracking in JIRA.
- Execute the SQL Test Cases.
- Create the Master Test Plan.
- Writing the test cases For Backend Testing i.e. SQL.
- Researched, designed and implemented scalable applications for information identification, extraction, analysis, retrieval and indexing.
- Conducted regression testing, analyzed results and submitted observations to development team.

2009-06 -

## **Trainee Engineer/Software Engineer**

2010-05

### **Med Claim Engagement for Panoram, Mysore**

- Designed Front end GUI for a medical web portal being a key player.
- Test case planning, Execution.
- Bug Tracking in JIRA.
- Execute the SQL Test Cases.
- Create the Master Test Plan.
- Writing the test cases For Backend Testing i.e. SQL.



## **Education**

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2005-05 -  
2009-06

### **Bachelor of Engineering: Information Science**

*Vidya Vardhaka College of Engineering - Mysore*



## **Accomplishments**

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- Certified Scrum Master (CSM) from Scrum.org
- ISTQB Certification
- Lean Six Sigma Green Belt
- Lean Six Sigma Black Belt
- Patent Holder Holding a Patent for "System for Custom Configuring Personal Protection Equipment" with **Patent No 'WO2016111970A1'**
- Co-developed white paper for "Simulation and automation of (hearing device equipment)"
- Project Management Professional (PMP) Training Completed



## **Certifications**

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- ISTQB Certified Tester Foundation Level - 2011
- Lean Six sigma Green Belt Certified – 2014
- Scrum Master Certification – Feb 2018
- Lean Six Sigma Black Belt Certified
- Certificate in College for Leadership & Human Resource Development (CLHRD)