Abinaya T

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Summary

Motivated Project Engineer with 6 years history positively impacting projects through attention to detail and skilled designs. Achievement-oriented professional possessing expertise in policy and procedure development, technology implementation and staff supervision. Committed to delivering innovative products and solutions while maintaining safety and sustainability.

Skills

- Automation Testing
- Python
- Robot Framework
- Unit test Framework
- Manual Testing (Web Application)
- REST API (Manual)
- IT Support

- Microsoft VSO
- Microsoft Azure
- GIT (Version Control)
- Java
- HTML
- CSS

Experience

06/2017 - Present

Wipro Technologies - Chennai, India
Project Engineer

- Reviewed software requirements and developed test plans, strategies, and scenarios to ensure all requirements are met.
- Developed automated scripts for testing Controllers and SOCs.
- Performed manual testing on web application.
- Executed manual tests and generated comprehensive test results for review by stakeholders.
- Created detailed bug reports with steps to reproduce the issue and worked with developers to resolve them quickly.
- Monitored application functionality during system upgrades to ensure proper operation after upgrade completion.
- Utilized defect tracking tools such as Microsoft Azure to document issues encountered during testing cycles.
- Participated in sprint planning sessions and provided input regarding potential risks associated with planned tasks.
- Collected test result data and analyzed patterns and trends to identify shortcomings in existing test procedures and addressed through modified or innovative procedures.
- Collaborated with third party vendors and clients to understand project specifications and extrapolate areas of potential difficulty for exposure to test procedures.

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Education

09/2012 - 04/2016   **Vel Tech** - Chennai

B.E (Electronics and Communication Engineering)

Projects Done

Automatic Door Controllers

Automatic Crack Detector and Obstacle Detector in Railways

Personal Information

- Date of Birth: 08/30/1995
- Nationality: Indian
- Marital Status: Married

Accomplishments

- Got Best Team Award in December 2017 at Wipro
- Got Best New Joinee Award in February 2023 at Wipro

Certifications

- Completed Diploma in Computer Applications
- Completed Electrical CAD

Languages

Tamil

English

Websites, Portfolios, Profiles

- https://www.linkedin.com/in/abinaya-thiyagarajan-089334b4/

Projects Worked

Project: Microsoft Azure CSC - Overlake

Role: Project Engineer

Environment: Python, Azure, Unit test Framework, Ms Flow, Microsoft Visual Studio Code, GIT, HTML, CSS.

Work experience: 2 years

Description:

Analyzed Overlake Specifications from customer and identified the gaps. Created test plan

and written scripts and tested on different environments.

Responsibilities:

- Compared existing scripts and the specification document and identified gaps.
- Created test plan for those missing requirements.
- Written test scripts(Python) for the above scenarios(both inband and outofband) and tested on C2010 and

C2030 platforms.
- IPMI commands manual testing and automating the tests and automation testing.
- Failure analysing and reporting the failures to concerned team.
- Automated repeated runs on weekly basis.

- Automated report generation for that testing and automated mails to be sent.
- Worked on Azure pipelines and Ms flow.

Converted xml report file to a presentable HTML report file.

Handled this project alone with client.

Project: Microsoft Azure CSC - OneBMCTest

Role: Project Engineer

Environment: Python, Azure, Robot Framework, Ms Flow, Microsoft Visual Studio Code, GIT.

Work experience: 2 years

Description:

Analyzed OneBMCTest Specifications from customer and identified the gaps. Created test plan and written scripts and tested on C2010 and C2030 environments.

Responsibilities:

- Compared existing scripts and the specification document and identified gaps.
- Created test plan for those missing requirements.
- Written test scripts(Python) for the above scenarios(both inband and outofband) and tested on C2010 and
  C2030 platforms.
- IPMI commands manual testing and automating the tests and automation testing.
- Failure analysing and reporting the failures to concerned team.
- Automated repeated runs on weekly basis.
- Automated report generation for that testing and automated mails to be sent.
- Worked on Azure pipelines and Ms flow.

Project: Microsoft Teams Testing

Role: Project Engineer

Environment: Automation testing, Node JS.

Work experience: 2 months

Description:

Tested Microsoft Teams App for bugs and fixed the bugs.

Responsibilities:

- Checking for bugs in Microsoft Teams Application.
- Fixed the bugs created by customer.
- Worked on CIFX framework and completed setup.
- Started with CIFX framework coding and debugging.
- Involved in automating firmware update and cereberus code in unittest framework.
- Workred on ReactNode and UI part.
- Workred on Box Component, Flex and CSS.

Project: HPE OneView

Role: Project Engineer

Environment: Application Testing, Python Scripting , RoboGalaxy, Rest API.

Work experience: 6 months

Description:

Tested new releases of OneView Application and taken care of regression testing as well. Done manual testing and automation testing.

Responsibilities:

- Monthly and Weekly test executions.
- Done manual tesring.
- Automated the test runs.
- Monitoring automated runs.
- Reporting issues.

Project: Microsoft TEX

Role: Project Engineer

Environment:

Windows Testing, Microsoft Tools like WTT,TreX, Powershell.

Work experience: 2 years

Description:

Tested Windows releases on all Windows versions. Managed virtual machines. Reported Bugs, Incidents, ICMs accordingly.

Responsibilities:

- Monthly and Weekly test executions.
- Triggering manual runs.
- Monitoring automated runs.
- Reporting issues