SHARUTHIKA MURUGAN

Software Tester

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EXPERIENCE

Software Tester
Tech Mahindra - Project Name - Rogers
Chennai
07/2021 03/2024

- **Telecom SaaS-based Application:** Contributed to the testing of a large-scale telecom platform, ensuring seamless user experience.
- **Cart Module Testing:** Focused on the cart functionality, developing and executing detailed test cases and scenarios to validate features and workflows.
- **Test Documentation:** Prepared comprehensive test documentation covering test plans, cases, and reports, ensuring thorough tracking of the testing process.
- **UAT Testing:** Actively involved in User Acceptance Testing UAT , collaborating with end-users and stakeholders to ensure the application meets business requirements.
- **Issue Resolution:** Investigated and resolved stock-related issues and order placement problems, working closely with the client to address key concerns during the testing phase.

Tech Mahindra
Project Name - Metaverse
Chennai, India
07/2021 03/2024

- SaaS-based Learning Application: Worked on a platform designed for students, contributing to the testing of the student module.
- Scenario Preparation: Developed and executed test cases, test scenarios, and tracked progress with test case metrics to ensure comprehensive test coverage.
- Client Collaboration: Actively participated in client calls, discussing feedback and ensuring alignment with project goals.
- Issue Resolution: Focused on identifying and resolving UI-based design issues, collaborating closely with stakeholders and developers to enhance user experience.
- TestNG's annotations streamline the setup and execution of test cases, making it easy to organize our testing workflow.
- Facilitates simultaneous execution of tests, significantly reducing overall testing time and accelerating our feedback loop.
- Focused on key student interactions, such as course enrollment, assignment submissions, and user authentication processes.
- Scripts were executed using TestNG to validate functionality and capture any discrepancies against expected outcomes.
- Each page of the learning application (e.g., student dashboard, course enrollment) is represented as a distinct class, encapsulating both UI elements and related actions.
- Common methods and elements can be reused across multiple test cases, promoting cleaner code and reducing duplication.

Tech Mahindra
Project Name - Teachers 2 You - Project Coordinator & Software Tester
Chennai, India
07/2021 03/2024

- **Project Coordination:** Acted as a key liaison between business analysts, developers, and designers to ensure seamless communication and alignment with project objectives.
- **Requirement Gathering:** Collaborated with business analysts to collect and document detailed project requirements, ensuring a clear understanding of client needs.
- **Sprint Planning Assistance:** Supported developers and designers during sprint planning by clarifying requirements and assisting in task estimation and prioritization.
- **Test Case Development:** Authored comprehensive test cases and scenarios, particularly focusing on payment processing functionalities, to ensure thorough testing coverage.
- **Test Documentation:** Maintained detailed test documentation, including test plans, cases, and defect reports, to track testing progress and facilitate knowledge sharing.
- **Client Engagement:** Participated in regular client meetings to provide project updates, discuss feedback, and ensure client satisfaction.
- **End-User Testing:** Led end-user testing sessions to gather feedback from actual users, ensuring the application met usability and functionality expectations.
- Introduced TestNG automation using the Page Object Model POM , focusing on booking scenarios to reduce manual testing efforts. Developed automated test scripts and integrated them into the CI pipeline for faster issue detection.

EXPERIENCE

Network Engineer
Tech Mahindra – Project Name – BT Telecommunications

Chennai
04/2019 05/2021

- **Planning of Optical Fiber Overlay Network:** This includes planning the layout of the optical ber network, from the exchange node to the premise level. It involves deciding on the routing of the ber optic cables and ensuring ecient connectivity.
- **Laying the Access Network:** I have been involved in laying the access network, including blown ber tubes between aggregation AGG nodes and ber distribution points. This involves physically installing the infrastructure needed for the network.
- **Conguring Fiber Equipment:** Conguring ber equipment, such as ber node conguration, is also part of your responsibilities. This ensures that the equipment is set up correctly to enable proper functioning of the network.
- **Using BERT Tool for Testing:** I have been using BERT Bit Error Rate Test) tool to connect plugs between the proper ports, ensuring the integrity of the connections.
- **Spatial Awareness and Interpretation:** spatial awareness and ability to interpret maps, diagrams, and spatial information are crucial for planning and implementing the network eectively.
- Have experience in projects involved with telecom, which provides you with the necessary background knowledge and skills for this type of work.
- My role involves a combination of technical expertise, project management skills, collaboration, and adaptability, all of which are essential for the successful implementation of a ber optic network project.

EDUCATION

B.E in ELECTRONICS AND COMMUNICATIONs ENGINEERING
Anna university

Coimbatore
08/2014 05/2018

- B.E in ELECTRONICS AND COMMUNICATION ENGINEERING
- Tejaa Shakthi Institute Of Technology for Women Affiliated to Anna university)

SUMMARY

Driven and determined person, promoting 5 years of experience in building client applications. Oers strong interpersonal and communication skills. To work in a healthy, innovative and challenging environment extracting the best out of me, which is conductive to learn and grow at professional as well as person level thereby directing my future endeavors as an asset to the organisation.

SKILLS

Web application testing

Selenium Core java Concepts

Telecom network   OSI Layer Functionalities.

ArcGIS,ArcGIS pro and QGIS

HTMLCSS,and BootStrap Framework

Automation selenium testing

JIRA   Bug Tracking Tool and aslo experience in user stories creation

GIT for version control

API Testing   POSTMAN API