Chandra Mohan Ray

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SUMMARY

Test Engineer with 3.8 years of experience in web and mobile automation Skilled in Selenium, Playwright, JavaScript, Java, JavaScTestNG,tJunit, BDD, SQL,,SQL, Agile and ITIL methodologies, Jira, GitLab, with strong analytskills.lls."

EXPERIENCE

Test Engineer

Xoriant   **Client :Frontdoor**

· **Developed and maintained end-to-end automation** using Playwright and TypeScript, increasing test efficiency by **60%**.
· **Implemented Page Object Model (POM) in JavaScript**, reducing code duplication by **90%** and improving maintainability.
· **Utilized Allure for advanced test reporting**, enhancing traceability and reducing debugging time by **50%**.
· **Automated CI/CD pipelines using GitLab** and integrated LambdaTest for result analysis, improving deployment speed by **80%**.
· **Performed API and database validation testing** using Playwright with query execution scripts, achieving **95% test coverage**.
· **Validated UI against JSON-based expected data** and automated backend checks for MongoDB and SQL Developer, ensuring **100% backend validation coverage** and improving data integrity by **60%**.

Senior System Associate

Infosys|| Telenet || Domain: Telecommunication   **November 2023 – Present, Pune**

· **Developed and maintained Playwright automation scripts using TypeScript for UI and backend validation, improving test coverage by 60% and reducing regression cycle time by 40%.**
· **Executed comprehensive automation testing using Selenium (Java) with TestNG in a Maven project structure, ensuring 100% coverage of critical workflows and decreasing defect leakage by 90%.**
· Automated Android and desktop application workflows using Appium (Java) covering scenarios such as user login, order creation, payment processing, order retrieval by ID, and UI validation from JSON input files, reducing manual effort by **60%**.
· **Integrated automation into CI/CD pipelines and collaborated with developers and UI/Backend teams to replicate issues, conduct root cause analysis, and report bugs effectively, cutting issue resolution time by 70%.**
· **Executed test cases and managed defects using JIRA, logging, tracking, and prioritising defects for efficient resolution, improving bug turnaround time by 20%.**
· **Performed multiple testing types including Automation, Functional, Regression, Unit, UAT, Sanity, and Smoke testing to ensure high product quality, leading to a 15% decrease in post-release defects.**

System Associate

Infosys || Proximus || Domain:– Telecommunication   **February 2022 – November 2023, Pune**

· **Developed and maintained Playwright automation scripts using TypeScript**, improving test coverage by 8**0%** and reducing execution time by 6**%**.
· **Executed comprehensive automation testing** with Selenium (Java) and Playwright (JavaScript) using **TestNG** in a **Maven project structure**, increasing test efficiency by 7**0%**.
· **Automated Android and desktop application workflows** using **Appium (Java)** and **Mocha.js with Chai.js**, covering user login, order creation, payment processing, and **UI validation from JSON files**, reducing manual effort by **60%**.
· **Integrated automation into CI/CD pipelines** and collaborated with developers and UI/Backend teams, improving defect detection speed by 90**%** and reducing release delays.
· **Executed test cases and managed defects using JIRA**, achieving **100% traceability**, reducing defect resolution time by 40**%**, and improving overall QA efficiency.
· **Performed multiple testing types** including Automation, Functional, Regression, Unit, UAT, Sanity, and Smoke testing, ensuring **98% defect-free releases** and maintaining high product quality.

EDUCATION

Master of Science in Information Technology

Mumbai University · Maharashtra · 2024

SDET

Infosys · India · 2022
· Software Development Engineer In Test

Bachelor of Science in Information Technology

Mumbai University · Maharashtra · 2022

CERTIFICATIONS

SQL

Lex · 2024

· Database Management

Playwright

Lex · 2023

· Automation Framework

Appium Advance Automation

Lex · 2023

· Mobile Automation

SDET

Infosys Lex · 2023

· Automation Tester

SKILLS

Framework: TestNg, Junit, BDD

Language: Java, Javascript

Project Structure: Maven , Methodology: Agile

Test Management Tools: Jira, GitHub, GitLab, Jenkins

Ide: Vscode, Eclipse, IntelliJ

Database Management: SQL

Testing Domain:-Automation Testing For Web And Mobile , Regression Testing, Progression and Functional Testing ,Unit Testing, Sanity Testing ,Smoke Testing

Automation Tools: Selenium, Playwright, Appium