

Devendra Singh

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Objective:

Highly skilled and dedicated Automation Engineer with a passion for creating efficient and reliable automated test scripts. Seeking to contribute my expertise in Playwright, test automation, and software development to enhance the quality and performance of innovative projects.

Summary of Qualifications:

Extensive experience as a Playwright Automation Engineer, proficient in creating and maintaining automated test scripts using Playwright, Node.JS, JavaScript, and TypeScript.

Solid understanding of software testing methodologies, test automation best practices, and continuous integration/continuous deployment (CI/CD) processes.

Strong background in software development and programming languages, enabling me to collaborate effectively with developers and cross-functional teams.

Excellent problem-solving skills, a detail-oriented approach, and a commitment to delivering high-quality software products.

Exceptional communication and interpersonal abilities, fostering effective communication with stakeholders and ensuring clear documentation of test scenarios and results.

Professional Experience:

Automation Engineer | Tata Consultancy Services | Los Angeles, California | 2020 - Present

Client: Sony Pictures Entertainment

- Developed and maintained automated test scripts using Robot Framework, Playwright and JavaScript to ensure comprehensive test coverage for web applications and APIs.
- Collaborated with the development team to implement test automation as part of the CI/CD pipeline, reducing testing time by 30% and enhancing product delivery speed.
- Implemented data-driven testing approaches and behavior-driven development (BDD) principles to create reusable and scalable test suites.
- Conducted regular code reviews and collaborated with team members to improve test scripts' efficiency and maintainability.
- Implemented database validations test cases.

Software Tester | Tata Consultancy Services | Mumbai, Maharashtra | 2014 - 2020

Client: Genworth Financials.

- Executed manual test cases and reported bugs to ensure the quality of software releases.
- Initiated the introduction of test automation by implementing Playwright for regression testing, reducing manual testing efforts by 40%.
- Assisted in writing and reviewing test plans, test cases, and test documentation for various projects.
- Conducted exploratory testing to identify critical defects and usability issues.
- Actively participated in team meetings, providing insights into test results and contributing to process improvement discussions.
- Data preparation using SQL
- Executing test cases and preparing daily execution report.
- Defect logging and tracking.
- Prepared Traceability Matrix between test cases and requirements.

Software Tester | Tata Consultancy Services | Mumbai, Maharashtra | 2011 - 2014

Client: Paramount Pictures and Warner Bros.

Project: Hollywood Accounting

Once a Product (Movie or TV series) is produced, it keeps on generating revenue for very long period of time in the form of Theatrical, Pay TV, Home Video, Merchandising etc. and this profit is being shared with the stakeholders of that product (Actor, Director, Distributors etc.). Before implementing the PARIS tool client had a team to calculate profit of participants manually using Microsoft excels. Calculating this profit share manually is very time consuming, tedious and error prone. So, they purchased a tool named PARIS for reporting purpose. TCS team has to analyse their contracts PDFs, data from POPS, PARIS database and other information, and based on output of these data we had to enter the data in the PARIS application.

Responsibilities:

- Involved in analyzing the contracts signed between participant and studio.
- Involved in feeding the outcome to the PARIS system.
- Giving training to team members.
- Involved in migration of contracts from UAT to production.
- Involved in daily scrum call with onshore manager.
- Led the team for 6months.
- Worked as backup Project Lead.
- Created a tool in Excel using VBA to eliminate the manual process.
- I as a SME and having good domain knowledge, I mentored the new team members.
- Upgraded their expertise level to ensure smooth and quality deliveries of contracts.

- Involved in quality check of deliveries.
- Being at onsite I have interacted with clients on day-to-day basis to discuss issues, status and to give suggestion about the project.
- Involved in Knowledge Transfer and creation of knowledge documents and posting them onto Confluence.
- Coordination with offshore team members to receive and send data & information for business requirements of the project.
- Resolving project related queries.
- Provided fixes and solution for the tool and processes within the project.

Education:

Bachelor of Technology in Information Technology | Hindustan College of Science and Technology | Gautam Budhh Technical University| Lucknow, Uttar Pradesh, India

Technical Skills:

Programming Languages: **JavaScript, TypeScript, VBA, Macros, Python**

Test Automation: **Playwright, Robot Framework, Postman, Node.JS**

Version Control: **Git, GitHub**

Continuous Integration/Continuous Deployment (CI/CD): **Jenkins**

Test Case Management and Defect Tracking tools: **JIRA, Test Rail, HP ALM**

Testing Frameworks: **BDD, Hybrid**

IDEs: **Visual Studio Code**