GAURAV SINGH

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Quality Assurance Engineer-: 11/2021 to Present
Samsung Electronics (SRI-Delhi), Noida

PROFILE SUMMARY

Seasoned Software Quality Assurance Engineer with a focus on automation testing methodologies and frameworks for consumer products. Over 2 years of expertise in developing and implementing robust automation frameworks, utilizing tools such as Python to uphold stringent quality standards. Proficient in coding without any frameworks, ensuring the creation and execution of comprehensive test scripts and test cases. Skilled in functional and non-functional testing, including performance and accessibility testing. Dedicated to collaborating with cross-functional teams to plan and execute test strategies, driving efficiency and effectiveness across testing procedures. Experienced in leveraging web development skills to enhance QA processes and deliver innovative quality assurance solutions that significantly contribute to product development success and exceed customer expectations.

WORK HISTORY

22-Year Samsung DTV lineup

❖ Worked extensively on testing regional features specific to Asian and Latin American countries, as well as common features supported across the 22-Year Samsung DTV lineup. Utilized expertise in automation testing to ensure comprehensive coverage and robustness of regional and common features.

❖ Played a pivotal role using Agile Methodology for Project Management, facilitating the smooth release of factory-reported issues and ensuring timely product releases into the market.

❖ Collaborated closely with cross-functional teams to prioritize tasks, manage sprints effectively, and address any challenges that arose during the development life-cycle.

Multi-Device Connection

❖ Led comprehensive testing for multi-device experiences across a range of Samsung products, including Sound bars, Monitors, Televisions, and Samsung Smart Things, ensuring seamless integration and optimal user experiences.

❖ Played a key role in testing and handling new model releases for the 23,24-Year lineup along with running change software updates, with a specific focus on enhancing multi-device user experiences on Samsung digital Televisions.

❖ Collaborated closely with development teams to identify areas for improvement and implement necessary changes to meet evolving user needs and market demands.

Automation Using Robot Framework

❖ Conducted thorough analysis to identify features and requirements suitable for automation testing, ensuring efficient utilization of resources and maximizing test coverage.

❖ Developed comprehensive test cases tailored for automation testing, employing industry best practices to validate functionality and performance across various scenarios.

❖ Played an active role in sprint reviews and retrospectives, offering insightful feedback on test results and contributing valuable suggestions for enhancing development processes. Collaborated closely with team members to identify areas for improvement and implement corrective actions, fostering continuous improvement and delivering high-quality products to market

SKILLS

- Automation Architecture
- Automation Testing
- Automated testing tools (Robot Framework)
- Test case design and execution
- Regression testing
- User acceptance testing (UAT)
- Proficiency in programming languages (Python)
- Web Development (HTML, CSS, JavaScript)
- Agile testing methodologies
- Test documentation creation
- Manual testing
- Cross-Functional Collaboration
- Problem-Solving

EDUCATION

Year	Degree/ Courses	Institute/ School	% or Grade
2021	B.Tech (Elec. & Comm)	School of Electronic & Communication, Galgotias University, Greater Noida	8.59 CPGA
2017	Class 12th	Bethany Convent Sr. Sec. School, Prayagraj	72%
2015	Class 10th	Bethany Convent Sr. Sec. School, Prayagraj	8.6 CGPA

LICENSES AND CERTIFICATIONS

- Software Development Life Cycle(SDLC)
- Python Automation and testing
- API testing and validation
- Test Automation with Python: Mobile Automation with Appium

EXTRA CURRICULAR PROJECTS

- **Weather App-** https://github.com/gs-gaurav-singh/Weather-App
- **Pizza restaurant website-** https://github.com/gs-gaurav-singh/Pizza-restaurant-website