Kartik Mathur

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Summary

A Competent IT professional as a Software Development Engineer in Test (SDET) specializing in Banking and Financial Services Quality Engineering & Assurance (QEA) seeking a challenging career opportunity where I can continue to learn and grow while leveraging my technical skills and contributing towards the company's growth.

Work Experience

Cognizant Technology Solutions
Associate | 10/2021 - Present
Project: **The World Bank Group**

- Integrated automated and manual testing methodologies to improve bug detection effectiveness by 25%.
- Spearheaded creation and execution of comprehensive testing strategies, resulting in a 30% reduction in testing time and a 25% increase in product reliability.
- Analyzed Use Cases, designed Flowcharts, created Test Data Requirements, executed Software Tests, and managed Defects.
- Designed and developed testing frameworks for automation using Java, Selenium, and TestNG to improve efficiency.
- Conducted Unit, End-to-end, Regression, and Integration testing.
- Collaborated with team members to improve efficiency and enhance user experience.
- Applied test automation framework on CI/CD process using Team Foundation Server (TFS).

Cognizant Technology Solutions
Programmer Analyst Trainee | 03/2021 - 08/2021

- Implemented responsive user interfaces for web applications using HTML, CSS, and JavaScript.
- Conducted thorough testing and debugging to ensure cross-browser compatibility and optimal performance.
- Utilized modern front-end frameworks such as React to enhance user experience and interactivity.
- Maintained back-end systems and databases for efficient data storage and retrieval.
- Collaborated with cross-functional teams to integrate Java applications with other systems and technologies.
- Automated many online platforms like Make My Trip and Gmail.

Education

Swami Keshvanand Institute of Technology | Jaipur, Rajasthan
B.Tech with Honours (Electronics and Communication)
Year of Passing: **2021**

Skills

Java, Selenium, Automation Testing, Maven, TestNG, Git, Cucumber, Jenkins, Manual Testing, Agile Methodology, REST, Scrum, Azure DevOps, Software Testing Life Cycle, HTML, CSS, JavaScript, ReactJS, Python, Microsoft Office, MySQL

Projects

Gmail Automation, 2 Weeks

UI-based Automated email triggering app using selenium framework. Triggers email to the user in real-time and acknowledge.

MMT Automation, 1 Month

Automated Make My Trip web app using Selenium scripting framework.

To-do List Manager web app, 1 Month

Users can save To do tasks in the Web-based application. Designed and Developed using Java Spring and Java JDBC framework.

News of Nation Web application, 1 Week

A React.Js based News app forged to deliver up-to-the-minute news updates to users as events unfold. Real-Time Updates with Categorization and Filtering features.

IoT-based Smart Agriculture Monitoring System, 6 Months

An embedded system that monitors atmospheric as well as soil parameters and sends it to a web app, the user can remotely monitor the data and maintain the parameters in the environment needed for a crop to grow.

Certificates

Web Automation Using Selenium, Java (Basic To Advanced), React Js - The Complete Guide (Udemy), Amazon Web Services (AWS) 2019 (Udemy), Python 3.4.3 Training Completion - Certified by IIT Bombay

Achievements

- Publication of Technical Article on Geeks for Geeks - Visiting Card Scanner GUI Application using Python
- Attained Gold Badge recognition on HackerRank in Problem-Solving, Java, and Python Programming, validating expertise in algorithmic problems and programming, demonstrating a commitment to continuous learning and skill development.

Languages

English, Hindi

Social Links

Portfolio: https://kartikmathur30.github.io/Portfolio

LinkedIn: https://www.linkedin.com/in/kartik-mathur-97a825160