K R KARTHIK

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PROFESSIONAL SUMMARY

SDET with 2 years of hands-on experience in automation and manual testing for web and Salesforce applications. Designed and maintained test automation frameworks using Java, Selenium WebDriver, TestNG, and Copado Robotic Testing. Automated over 120 test cases, reducing manual testing effort by 45% and cutting regression time from two days to under eight hours. Improved test coverage by identifying untested scenarios and supporting stable releases in an Agile environment.

EXPERIENCE

Associate Analyst (SDET)

Deloitte | Hyderabad, India   Jan 2024 - Present

- Automated 120+ test cases for web and Salesforce applications using Selenium WebDriver, Java, and TestNG, reducing manual effort by **45%.**

- Designed and maintained reusable automation frameworks, reducing script failures by **35%.**

- Implemented Copado Robotic Testing (CRT) to validate end-to-end Salesforce workflows for **3+ major releases.**

- Performed Functional, Regression, Integration, and System Integration Testing across **10+ user stories per sprint.**

- Reduced regression execution time from **2 days to under 8 hours** by optimizing automation pipelines.

- Resolved **50+ defects** in coordination with developers and business analysts, including high-severity issues.

- Logged, tracked, and verified defects through the full QA lifecycle with a **95% closure rate per sprint.**

- Identified untested scenarios and edge cases, improving overall test coverage by **60%.**

- Participated in daily stand-ups, sprint planning, sprint reviews, and retrospectives in an Agile (Scrum) environment.

EDUCATION

Master of Computer Applications (MCA)

IGNOU | Delhi, India   Jun 2024 – Present

Bachelor of Computer Applications (BCA)

Mahatma Gandhi University | Kottayam, India   Jun 2020 – May 2023

CERTIFICATIONS

Selenium WebDriver with Java – Udemy (2025)

SKILLS

Test Automation & QA

- Selenium WebDriver
- Copado Robotic Testing (CRT)
- TestNG
- Automation Framework Design
- Functional, Regression & Integration Testing
- System Integration Testing (SIT)
- Defect Tracking & Test Planning

Programming & Scripting

- Java
- SQL (Data validation & backend testing)

Tools & Platforms

- Salesforce
- Postman (API testing)
- Maven
- Git & GitHub

Methodologies

- Agile (Scrum)
- SDLC / STLC
- Sprint planning & test estimation

Testing Types

- UI Testing
- API Testing
- End-to-End Testing
- Smoke & Sanity Testing