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PROFESSIONAL SUMMARY

A seasoned Software Development Engineer in Test (SDET) with over two years of experience in automation testing, quality assurance, and software development.

- Proficient in designing and implementing robust test automation frameworks using tools to ensure high software quality and reliability.
- Demonstrates strong coding skills in Java enabling the development of custom testing tools and integration of automated tests with continuous integration systems like Jenkins and GitHub Actions.
- Adept at working within Agile environments, collaborating cross-functionally with development and product teams to streamline workflows and enhance product quality through early identification of issues.
- Committed to advancing testing methodologies and maintaining cutting-edge industry knowledge to drive innovation and efficiency in testing processes.

Technical Proficiency

…	Container Platforms	Docker
…	Scripting Language	Java
…	Version Control Tools	GIT-Hub
…	Build Tools	Maven
…	Automation Tool	Selenium
…	Frameworks	Cucumber, TestNG
…	CI/CD Tools	Github Actions,
…	Database	MS SQL Server
…	Virtualization Tools	Docker
….	Security Vulnerability Tool	Snyk

Data Cogen (Feb'24 - Present)
Client: MassMutual India.
Team Size: 4
Technologies Used: Docker
Project Description:
DATACOGEN is an application which is written in python Django which will do source and target comparisons between CSV TO CSV, XML TO XML, EXCEL TO EXCEL, SQL TO SQL, VERTICA TO VERTICA, POSTGRES TO POSTGRES, CROSS DB AND BULKCOMPARISON as well.

Contribution:
- Containerized the applications and orchestrated their deployment in cloud environments.
- Application used for unit testing, as PoC in the **GitHub Actions** to automate builds, tests, and deployments.
- Push the latest image in artifactory and deploy in multiple machines for usage in the projects.
- Generated necessary help documents for containerize and on-premises deployment of

application.

Smart-Test Framework (Oct'23 – Feb'24)
Client: MassMutual India.
Team Size: 5
Technologies Used: Java Selenium

Project Description:
Design a framework which is used by multiple projects across organization to automate the test scripts. And this framework integrated with Web, API and android such that multiple projects easily access the various platforms at one level.

Contributions:

- Implementing **CI/CD** pipelines GitHub **Actions** to automate builds, tests, and deployments.
- Using Sequential and Parallel Execution of test scripts from GitHub Actions.
- Configured **Self-hosted runners** for QA team activities.
- Additionally, I ensured the security of our systems by integrating **Snyk** for vulnerability scanning and remediation.
- Utilized version control systems like Git to manage codebase, pushing the implemented code after each development cycle.
- Support to different teams across organization in building new features in frameworks with respect to project requirements such as Full-Page Screenshot.

KiTAP (July'22 - Oct'23)
Client: Kairos Technology Private Limited.
Role: Framework Development and Salesforce UI Automation
Team Size: 5
Technologies Used: Used Keyword Driven Framework for Web and Salesforce based Regression test.

Project Description:
The objective of this project is to enhance the product by enabling customers to utilize multiple services, including web, mobile, and Salesforce, to automate their testing processes. By customizing the product, customers will have the convenience of accessing all these services from a single platform. This integration will streamline their testing activities, improve efficiency, and provide a comprehensive testing solution.

Contributions:

- Acquired and processed data from external sources in JSON format, as well as Excel Workbooks, and transformed them into Hash-Tables for mapping to respective test scripts.
- Developed efficient utilities for Salesforce KiTAP, resulting in the successful execution of a maximum number of test scripts within tight time constraints.
- Overcame challenges in automating scripts for Shadow-dom pages, particularly for mobile applications that utilized difficult-to-inspect tag flags.
- Generated necessary help documents for KITAP mobile, facilitating ease of use and understanding.
- Collaborated closely with the architect to grasp the high-level design of the application, fostering open discussions and providing valuable suggestions.
- Utilized Sonar Lint reports to identify and rectify issues, ensuring adherence to coding standards

and enhancing code quality.
- Participated in code reviews with fellow developers, offering constructive suggestions and feedback while also receiving feedback on own code.
- Conducted demos and presentations to clients showcasing the developed modules.
- Actively participated in bug fixing during QA sprints, addressing issues identified after every three development sprints in an agile environment.

EDUCATION

Post-Graduation Diploma In Management   Mar'2019
Vignana Jyothi Institute Of Management, Hyderabad.

Bachelor of Technology in Electrical Electronic Engineering   May'2016
Gokaraju Rangaraju Institute Of Engineering & Technology, Hyderabad.