Amit Kumar Das - ✉ amitkiit1994@gmail.com - 📞 8093151099 | 7980921517

Summary:
+ Software Engineer with **4+ years** of experience in **Devops - CICD** and **Agile** culture.
+ Strong Experience in **Java** and **Automation** using **Selenium** WebDriver and **REST API** automation.
+ Strong Knowledge of **SDLC**, **STLC**, **Agile**, **Verification**, Validation, Testing Levels and **Bug** life cycle.
+ Strong knowledge in building Test automation **frameworks** for functional as well as **load** testing.
+ Sound Experience in creating **Apis** with **springboot** to handle end to end automation scenarios.
+ Good knowledge of **Microservices**, **Containerization** with **Docker** - **Kubernetes** and **Cloud** computing.

Skills:
+ **Language**: **Java**, C#, Shell
+ **Database**: **PostgreSQL**, Oracle
+ **Framework**: **Selenium**, **TestNG**, Cucumber, Specflow, **Springboot**, Gatling
+ **Libraries**: **RestAssured**, Karate, **Log4j**, **Reporting**, **JSON**, http client
+ **Build**: **Maven**, Gradle
+ **Devops**: **Jenkins**, **Docker**, **Kubernetes**, Azure Devops
+ **Tools**: **Git**, **Jira**
+ **Platform**: Linux, Windows

Experience:

Microsoft | **Consultant / SDET** (Jun 2021 - Present) | Application: **NBA Mission Control**
+ Responsible for Automating test cases with **Specflow** BDD framework
+ Integrated **Azure** Event Hubs and **Azure** Data Explorer programmatically inside the framework

Reliance JIO | **Deputy Manager / SDET** (Feb 2021 – Jun 2021) | Application: **JioMart**
+ Responsible for developing **Bots** (wrapper apis) with **Spring boot** and **http client** that automated apis involving end to end B2C orders to serve the model of Software Testing as a Service (**STAAS**). Integrated the framework with **mysql** for storing test data, **influx** for storing custom metrics and **Grafana** to visualize the metrics of incoming orders.
+ Responsible for building Automation framework with **Gatling** and **Maven** to simulate load on high traffic endpoints to simulate Load Testing.
+ Created and setup service virtualization (Mock apis) with **specmatic** tool to mock external api responses.
+ Responsible for containerizing all the test automation projects with **Docker** to deploy them seamlessly across any environment.

SAS | Senior Software Engineer – Testing (May 2019 - Feb 2021) | Application: **SAS Intelligent Planning**
+ Responsible for testing stories involving **Statistical** Calculations, Data **seeding**, **Grid** and **Visual Analytics** interface from **functional** perspective. Also, **data validations** through **database testing** and **Backend validation** for API requests and responses.
+ **Scrutinizing logs** for every microservice and pods related to process triggered in a container orchestrated system.
+ Ensuring maintenance and rpm updates of microservices for steady build to maintain **CICD** approach through **Jenkins** or **Linux** terminal.
+ Responsible for **Creating, Administering Kubernetes cluster and troubleshooting** for pods, deployments, services, persistent volumes, rolling updates, nodes, etc.
+ Responsible for writing **automation** codes for **API (java**) as well as G**UI (selenium)** for the features and stories in sprint to ensure CI-CD devops model approach.
+ Maintaining clean BVT and sanity **API automati**on reports by regularly updating code against test case failures to ensure **agile** approach
+ Single handedly responsible for classic product version release ensuring customer reported defect fixes and thorough **regression** testing in order to assure quality.
+ Managing UI automation team by **Project planning through JIRA**, creating stories and test cases related to sanity. Also involved in code validation from functional point of view.
+ Involved in regular interactions with **product** management and **stakeholders.**
+ Responsible for **performance** testing and preparing comparison insight reports.
+ Involved in preparing Test case **Documentation** and reports.

Infosys | Software Test Engineer (Jan 2017 - May 2019) | Application: **Formula Ingredient System**
+ Reviewed **Business Requirements** and accordingly **Prepared Test Plans** and **Scripts.**
+ Identified and reported defects through **Smoke** Testing, **Continuous** Regression testing and **Performance** testing.
+ Responsible for migrating in **ALM** (Application Lifecycle Management).
+ Developed **Data Driven Automation framework using Page Object Design** pattern.
+ Identified Automation Scenarios from the set of Test cases and developed Web automation scripts using **Selenium** WebDriver and **TestNG**.
+ Developed a robust framework by integrating **TestNG** with **Maven** and implemented **Listeners** interface, Page Object pattern, **Log4j** and Excel **Data Driven testing**.

Education:
Kalinga Institute of Industrial Technology, Bhubaneswar MTech, Manufacturing Engineering 2015 - 2016
Kalinga Institute of Industrial Technology, Bhubaneswar BTech, Mechanical Engineering 2011 – 2015

Honors & Awards:
+ SAS Secret Quality **Superstar** of SAS Quality Week 2020.
+ **Valuable Contribution** Award for troubleshooting and deploying **kubernetes** orchestrated deployments
+ **Spot** Award for magnificent work for HOTFIX release of SAS Merchandise Planning 6.7
+ **Insta** Award from Infosys for excellent contribution to Project