Abhishek Gupta [SDET II]

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Professional Summary

➢ Having over 7 years of comprehensive experience in the domains of Communications, Fantasy Sports Gaming, Multi-Sport Aggregator Platforms and Banking Sectors. I have acquired knowledge of end-to-end testing Strategies from all these platforms.

➢ Skilled in doing testing in areas like Development, Automation and Manual on platforms like Web, Mobile, API and Performance Testing.

➢ I also have experience in Hiring, Mentoring and QA Process Setting which were well acknowledged.

Educational Summary

- **B.E – Computer Science and Engineering** from **K. C. College of Engineering** & Management Studies & Research have achieved distinction with **70 per cent in 2016**.
- **Diploma in Computer Technology** from **Terna Polytechnic gained 60 per cent** in 2012.
- SSC from Bright high school & junior college gained 60 per cent in 2008.

Certification

- AWS Certified Solutions Architect Associate: Complete Course from Tutorialspoint [2023]
- SQL (basic) certification from hackerRank [2022].
- Docker certification from Testdome [2022].
- Java specialist certification from saint-angelo's professional education [2015].

Blogs: https://medium.com/abhishek-g17

Skills

- **Programming Language**: JAVA and Python
- **Database**: SQL and Redis
- **Testing Methodology**: **Frontend Testing (manual and automation) 4 Years of experience**
- **Backend Testing (manual and automation) 5 Years of experience**
- **Testing Framework**: Selenium, Appium, Cucumber, Rest Assured, Robot, Sikuli
- **Test Runners**: TestNG, Junit, Jenkins
- **Testing Utilities**: Genymotion, BurpSuite, PostMan, ModHeader, ZenMate, FoxyProxy, HTTP toolkit
- **Performance Testing / Monitoring Tools**: Apache Jmeter, New Relic, OpenSearch and AWS CloudWatch
- **Version Control**: GIT and SVN
- **Defect Tracking and Documentation and Test Management Tools**: Confluence, JIRA, TestRail, Excel
- **Cloud Service hands-on**: Amazon Web Services

Project Summary

1) Current Company: Plivo communications pvt. ltd [From May 2021 Till present] [2 Year 1 Month]
Designation: SDET 2
Team Voice-API: Responsible for End to End Testing for the Backend feature and some Web Testing
- Daily Task includes maintaining QA infra, Manual API Testing and Automation of new backend feature, Performance Testing, Test case review and assigning the testing task to fellow SDET's.
- Have implemented backend service level testing and created alerts to maintain checks on infra stability.
- Worked on Chaos Testing on AWS infra to identify, service level dependency failures on infra.
- Have been doing SDK testing build on top of [PHP, Python, Ruby, .NET, Node.js, Java, and Golang] and Automation of same from a single framework.

2) Company Name: Gojek [From:2018-08 To:2020-04] [1 Year 1 Month]
Designation: Quality Engineer
Team GoBiz - SubProduct [goModal] App from Gojek to Merchant-Partners
- FrontEnd Applications are built on the top of Progressive Web Apps application framework and kotlin [Android App].
- The backend is supported by Microservices Architecture.
- Testing of upcoming new features which involves activities of, Functional UI and Functional Backend - testing with test planning and working on automation project which has the coverage for Frontend UI components and checks for the backend API response.

3) Company Name: Sporta Technologies PVT LTD [From:2018-08 To:2020-04] [1 Year 8 Months]
Designation: SDET 1
Dream11 Pro Desktop Terminal [Fantasy Sports Gaming Platform on Web]
- The application is built on top of a progressive web apps application framework.
- The backend is supported by Dream11 microservices architecture.
- Was responsible for manual functional UI and functional backend testing and building automation solutions.

Dream11 Apps [Mobile Testing iOS and Android] [Fantasy Sports Gaming Platform]
- Application builds on the top of language iOS Swift and Android.
- The backend is supported by Dream11 microservices architecture.
- Was solely responsible for individual feature and integration testing and performance testing and shipped more than 15 features.
- Did test suite preparation and regression testing for release and gave QA signoff at the end of every sprint release for both the iOS and Android platforms.

Fancode [Multi-Sport Aggregator Platform]
- Application is built on top of react native an open-source mobile application framework for CMS we used WordPress.
- The backend is supported by SportsGuru microservices architecture and was later renamed to Fancode.

4) Company Name: QualityKiosk Technologies Pvt. Ltd [From:2016-03 To:2018-08] [2 Years 7 months]
Designation: Senior Solution Engineer
Service Level Agreement (SLA) Meet
- Ensured whether the web and mobile Android application's automated test cases are working properly with all transactions and other important functionalities by implementing better handling codes.

Appium Scripting for Mobile Automation
- Created and re-scripted Appium scripts which were on the traditional 1.4 Framework to the new 1.7 Version which were on Android and IOS platforms with more than 400 scripts containing roughly around 4000 test cases, developed utilities to reduce efforts.

Web Application Automation using Selenium from Watir Framework Ruby
- Migrations of more than 550 older test Scripts from watir framework on ruby to selenium web-driver-3.

Key Highlights of Work Experience

Project 1: Server Side SDK automation
Implementations: Dockers setup, Jenkins Script, Framework Setup
Helps to test server-side SDKs which are in 7 languages [PHP, Python, Ruby, .NET, Node.js, Java, Golang].

Project 2: Chaos Testing
Implementations: Robot Framework, Jenkins Script, AWS Boto library with Python
Helps to test backend infrastructure, and allows us to do infra-level chaos experiments.

Project 3: Regression Test for API
Implementations: Robot Framework, Jenkins Script
Helps to cover regression scenarios on API, with the help of robot framework request library.

Project 4: Dream11 PWA Automation
Implementations: POM, BDD Cucumber, Selenium, TestNG, MAVEN and Jenkins
Helps to reduce the resting effort of existing UI components and verification of data rendered by these components.

Project 5: D11-Cardinal-Chore-master
Implementations: BDD Cucumber, Rest-assured, MAVEN and Jenkins
Have added test cases, The project covers all the API client calls to verify service level sanity.

Project 6: Sports-Guru UI Test Automation
Implementations: Selenium, Appium, TestNg, log4J, Extent Report, MVN and Jenkins
Test Framework to reduce the regression testing efforts on Android applications.

Project 7: Appium V2 Framework
Implementations: Appium and Junit
Modifying framework to support cross-platform parallel execution for desktop and mobile browsers environment for mobile automation testing for Mobile automation.

Project 8: Self-Healing test scripts for Appium Automation
Implementations: Qk inHouse Framework, Appium and Junit
Creating automation test scripts in Java using TestNg as a unit testing framework which will auto heal in case of property change at runtime of the script until there is GUI change in the test application, this was an individual POC got the idea while improving the test scripts to meet the client SLA.

Project 9: Aditya Birla Sun Life MF FinGo POC
Implementations: Qk in-house framework, Appium and sikuli library.