

Ken D'Silva

QA Lead - Automation at Kaplan

Work Experience: 8+ yrs



Bengaluru, India



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Overall Experience:

- Web, API, Chatbot Automation and mobile apps testing
- Testing backend processes on cloud platforms - AWS & GCP
- Load testing using Jmeter tool
- Setup of CI/CD pipeline on Jenkins
- Proficient in test planning, test case preparation, test execution and defect reporting
- Mentoring & Leading Quality Engineers

Technical Skills:

Programming Languages : Java[Intermediate], Javascript[Basic], Python[Basic]

Automation Libraries : Selenium WebDriver, Rest-assured and Botium

Tools: Postman, Charles Proxy, Android Debug Bridge, MonkeyRunner, Android Studio, IntelliJ, Microsoft SQL Management Studio, AWS - DynamoDB, GCP - BigQuery & Spanner, JIRA, Zephyr, Git.

Project Specific Experience:

Employer: Kaplan - Education technology company based in the US

Application: Kaplan Higher Education

E2E technology partner to universities in southern US for student enrollment, training & certification

Duration: 1 year

- Built chatbot automation framework from scratch using Botium
- Automated conversation flows for Google dialog-flow component & chatbot widget
- Contributed to Selenium framework with Java for automating website flows and using LambdaTest Device Cloud platform for execution of cross browser and cross platform tests
- Setup and execution of tests via selenium grid & Jenkins
- Mentored and lead multiple QAs' across different time zones and teams
- Worked in agile mode with release deployment testing in 2 weeks sprints

Employer: Qualitrix - Testing services company based in Bengaluru

Application: Sharechat - API automation & Mobile app testing

Social media app for sharing and creating content in regional Indian languages.

Duration: 1 year and 8 months

- Documented & tested APIs using Postman tool
- Contributed to API Rest-Assured automation framework
- Migration testing of backend services from AWS to GCP
- Monitoring of production APIs using LightStep tracing tool, Prometheus DB and Grafana dashboards

Employer: Y Media Labs - US based software services company

Project: Hospital Corporation of America - Mobile app testing & API testing

In-house LinkedIn like app for nurses for the largest hospital conglomerate in the US.

Duration: 5 months

- Created test plan, test scenarios and test cases as per product requirements
- Automated API test cases using Postman - Newman collection runner
- Setup Jenkins CI/CD pipeline and test reports for backend services
- Documented test case execution status using JIRA and Zephyr test cases reporting tool

Employer: Y Media Labs - US based software services company

Project: Stone Pagamentos - API testing

Settlement solutions platform in Brazil. Primarily settles account receivables.

Duration: 5 months

- Automated APIs using Postman and HTTPClient library with TestNG framework
- Wrote scripts to conduct comparative tests on decomposed micro-services against monolithic system
- Creating and monitoring CI/CD Pipelines on VSTS

Employer: Ingrainhub - Testing services startup, now defunct company

Project: Whatfix - Browser plugin and Website testing

SaaS based platform which provides in-app guidance and performance support for web applications and software products

Duration: 1 year

- Contributed in setting up basic QA processes and structure.
- Automated browser plugin features using Selenium WebDriver with Java using Maven build tool & TestNG runner
- Used Page Factory method and Page Object Model with TestNG framework to automate user paths in a complex product.
- Worked in agile environment by automating test cases with manual testing in lock step with JIRA tickets

Employer: Moolya - Software testing service company based in Bengaluru

Project: Flipkart - Mobile app, Mobile website and Website testing

E-commerce application, currently a Walmart subsidiary

Duration: 3+ years

- Performed functional API testing using DHC client & Postman.
- Executed test cases for backend system by testing databases using SQL queries
- QA Lead for Android App from the very first release to the app store.
- Tested multiple features on app along with integration tests for various downstream services spread across multiple teams

Employer: Moolya - Software testing service company based in Bengaluru

Project: GotoPal - iOS App testing and API testing

Voicemail app that provides easy interface to access voicemail and features personal assistant

Duration: 1 year

- API monitoring and testing using Charles Proxy, Fiddler.
- Conducted load tests & maintained automated test case suite using SOAP UI, Fiddler

Academic Qualification:

- B.E in CSE from K.S Institute of Technology, Bengaluru (2012)