HANNA HATICE KESKIN

SOFTWARE DEVELOPMENT ENGINEER IN TEST

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8 years of experience as a Test Automation Engineer including both Manual and Automation testing skills in an Agile/Scrum environment.

SUMMARY

- Strong Experience in BDD, TDD, Data driven and Hybrid automation frameworks.
- Expert in developing Behavior Driven Development (BDD) scripts with Cucumber by writing Scenarios, Scenario Outlines, features and step definitions in Gherkins language.
- Proven ability in Automating Web Application Testing using Java, Selenium WebDriver, Cucumber, JUnit or TestNG and Gradle or Maven with Page Object Model (POM) framework.
- Responsible for building Selenium WebDriver Automation Framework with Java from scratch.
- Knowledge of Web Services Testing using RESTful APIs and Postman tool.
- Integrating Automation scripts on CI/CD tool Jenkins for nightly test suite execution.
- Hands on experience in Backend Testing including writing SQL queries for database validation and running queries in DynamoDB for the applications on cloud.
- Have good experience with AWS services like S3, EC2, CloudWatch, Glue, SQS, SNS, DynamoDB, AppSync and Lambda.
- Experience in understanding, analyzing, as well as tracking changes and maintenance of Test Requirements.
- Participated in Peer Reviews of Test cases, Test Scripts and Defects.
- Experience with the Software Development Life Cycle (SDLC) on both Waterfall and Agile - Scrum.
- Actively participated in all Scrum life-cycle ceremonies: Daily Standup, Sprint Planning, Sprint Demo, Sprint Retro and Sprint Grooming and provided inputs to the Sprint Backlog.
- Expertise in different types of testing like Integration testing, Smoke testing, Regression testing, Functional testing, Positive - Negative testing, End to End testing.
- Excellent experience with build management tools, Maven and Gradle.
- Maintained the code with team members by using Git for pull/push/merge/branching operations.
- Experienced in writing CSS Selectors, absolute and relative XPaths manually on dynamic and static content.
- Executing Selenium Test Cases, Test Scenarios on different browsers and reporting defects/Test Summary to the team, using JIRA.
- Strong debugging skills, using application logs, browser network logs and IDE debug tool
- Strong Relationship with developers, business owners, and management that delivers solutions by good Written and Communicative Interpersonal Skills.
- Ability to work on multiple projects concurrently by creating or maintaining automation framework.
- Highly flexible and effective team player, keep up in a fast-paced environment while assisting numerous time-sensitive projects.

CERTIFICATIONS

OCA - Oracle Certified Associate, Java SE 8 Programmer
AWS - Amazon Web Services Certified Developer Associate

EDUCATION

BA, Computer Education & Instructional Technology
Ondokuz Mayıs University, Samsun, TR *Information Technology coursework*

TECHNICAL SKILLS

Languages	Java, Javascript, Gherkin, SQL, JSON, Pascal, Visual Basic
Front end	HTML, CSS, Bootstrap, JQuery, Ajax
Testing Tools	Selenium WebDriver, Cucumber, JUnit, TestNG, WebdriverIO
Build Tools	Maven, Gradle
Testing Framework	JUnit, TestNG, BDD, Data Driven, Hybrid Frameworks, Page Object Model (POM)
Methodologies	Agile-Scrum, Waterfall
Bug Tracking Tool	Jira
Databases	Oracle, My SQL, PostgreSQL, DynamoDB
API	Postman, Rest Assured Library
Cross Browser Platform	Selenium GRID
Continuous Integration	Jenkins
Version Control	Git, GitHub, Bitbucket
IDE	IntelliJ, Eclipse, Visual Studio, PyCharm, Sublime Text
Testing Methods	Functional, Regression, Smoke, Positive, Negative

PROFESSIONAL EXPERIENCE

CollegeBoard, Reston, VA

SDET   **October 2018 - Present**

- Supported main application testing along with maintaining two of three existing applications that our team was working with.
- Enhanced the existing automation framework to make it faster, lighter and easier to maintain, removing repeatable and changing test data from feature files and storing them in external files, removing all repeatable methods and adjusting to page object model.
- Developed Cucumber Step Definitions, Scenarios and Features and used Scenario Outlines to work with data Examples.
- Used and maintained WebdriverIO/Cucumber JS framework for our redesigned React web application.
- Worked with AWS services like S3, EC2, CloudWatch, and worked with AWS Glue, SQS, SNS, DynamoDB , AppSync and Lambda for our cloud migration.
- Used PyCharm Automation Framework for one of our applications.
- Supported production deployment, including weekends
- Involved in monitoring error logs (CloudWatch and Kibana), analyzing and debugging errors in test environments and in production.
- Attended Scenario Review meetings to go over all possible scenarios to test functionality.
- Created demos for functionalities that was delivered at the end of every sprint.
- Coordinated with external teams to perform end-to-end testing across most of CollegeBoard.

- Collaborated with developers on finding defects in functionality and debugging failed scenarios.
- Created CI/CD parameterized Jenkins jobs for testing applications in different environments.
- Participated in daily scrum, sprint planning, sprint grooming and sprint retro meetings.
- Performed knowledge transfer sessions with new hired employees on application and framework.

Fleetmatics, Waltham, MA

QA Automation Engineer   **August 2012 - July 2018**

- Developed Automation Framework, Page Object Model from scratch using Selenium WebDriver and TestNG and defined dependencies using Maven.
- Operated Automation and Manual Testing for the Web Application.
- Run a regression suit before releases and present the outcome to the team.
- Tagged test suites, test cases and test methods for regression and functional testing using TestNG Annotations like Groups, Parameter, and Tags.
- Integrated with Continuous Integration tool Jenkins for running the smoke test on a nightly basis automatically.
- Participated in creating Test Plan and Test Cases according to the business requirements.
- Used Java language and TestNG framework for scripting.
- Extensively inspect Selenium locators like XPath and CSS Selectors
- Handled Selenium Synchronization problems using Explicit & Implicit waits
- Perform backend testing using Java, SQL, and JDBC.
- Used Apache POI library for reading and validating the data from Excel files.
- Logged events using Log4J.
- Analyze test execution results and post defects with detailed steps and screenshots.
- Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate the production environment.
- Efficiently logged and tracked defects using JIRA.
- Participated in requirements gathering to understand requirements are clear and complete.
- Communicated with developers and other team members to address problems.
- Attended training to maintain knowledge of current technologies.
- Participated in Release Review meetings.

Pioneer Charter School of Science, Everett, MA

Computer Science Teacher   **September 2010 - June 2011**

- Provided a one-to-one teaching experience in the areas of Introduction to programming, Java, and HTML at grade levels 9-12.
- Prepared students to take the AP Computer Science exams.
- Motivated students to think critically and take ownership over their own learning.
- Maintained student attendance records, grades, and other required records.
- Developed rigorous lesson plans that are aligned with the Computer Technology curriculum.
- Taught Web Design including Dreamweaver, Adobe Photoshop, Adobe Illustrator, Adobe Flash.
- Taught iMovie, GarageBand, and iWeb in a Mac environment.

Pinnacle Academy, Oakton, VA

IT Specialist/Instructor   **October 2008 - June 2010**

- The main point of contact for the IT department

- Updated and maintained the school website.
- Supported users with computers printers, scanners
- Supported Windows and Apple operating systems.
- Assisted users in use of standard applications and Microsoft Office suites.
- Installed and troubleshoot school software packages.
- Gave training to staff in the use of the Student Information System
- Coordinated, entered, imported, exported, and clean data for use by and among various systems including attendance, discipline, photos, IDs, and other systems as needed.
- Mentored Students and Ranked 1st place National Engineers Week Future City Competition-Washington, DC Regional Competition - 2010

Horizon School, Sakarya, TR
Computer Science Teacher   August 2005 - June 2008

- Maintained all the computers in the lab and installed the required software on computers.
- Developed rigorous lesson plans that are aligned with the Computer Technology curriculum.
- Taught Computer Technology Curriculum including Java programming, HTML, introduction into programming and Adobe Design.
- Worked closely with other teachers by sharing resources.
- Maintained student attendance records, grades, and other required records.
- Worked after school to help students.