FERHAT KIRAC

JUNIOR FULL STACK DEVELOPER

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Green Card Holder

# SUMMARY

* A highly competent and results oriented **with 5+ years of experience in Software Development Engineer in Test** (**SDET),** and **1 year of Junior Full Stack Developer.**
* **Junior Full Stack Developer** position that will allow me to improve my Development knowledge on **back-end** and **front-end development**.
* Fast learner, dedicated, hard worker and a great team member who has the great communication skills.

# TECHNICAL SKILLS

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| Front-End | **HTML5, CSS3, JavaScript ES6, Java, Bootstrap 4, DOM Manipulation, jQuery** |
| Back-End | **NodeJS, NPM, REST, MongoDB, SQL, ReactJS, React Hooks** |
| Frameworks | **Express, Mongoose** |
| Bug tracking tools | **Jira** |
| IDE | **Eclipse, IntelliJ** |
| Methodologies | **Agile/Scrum, Waterfall** |
| Web Services | **Rest-Assured, Postman, API** |
| Deployment Tools | **Git, GitHub, Heroku, MongoDB Atlas** |

# Professional experience

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| **CLIENT: FHC TRIP** | **New York City - NY** |
| **TITLE: JUNIOR FULL STACK DEVELOPER** | **May – 2019 - Present** |

# ROLES AND RESPONSIBILITIES

* Working on the web-based software development and operation as a dedicated developer within the scrum team.
* Attended all **grooming, daily scrum, sprint planning, sprint review and sprint retro meetings**.
* Used **HTML5, CSS3, JavaScript** and **ReactJS** to design and implement the user interface.
* Developed website application with **REST** and **API** for payment processors and for the other services.
* Create and execute **unit/integration tests** using **Junit framework**.

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| **CLIENT: FHC TRIP** | **New York City - NY** |
| **TITLE: SDET** | **May – 2018 - Present** |

# ROLES AND RESPONSIBILITIES

* Participated in **requirements** gathering, analysis and ensure requirements are clear to complete.
* Developed **Hybrid** **Automation Framework** using **Selenium Web Driver, Java,** and **TestNG** performing with **Page Object Model (POM)** for application **UI testing**.
* Used **Maven** as project building tool.
* Ran the tests with **Continuous Integration** tool **Jenkins** during nights.
* Maintained **Selenium**, and **Java automation testing codes** with **the resources in version control GIT.**
* Used **Objective Oriented Program Language, Java**, and **TestNG** for **Framework scripting**.
* Inspected and called **Web Elements** using various locators like **ID, Name, Tag Name, Link Text, Partial Link Text, XPath** and **CSS locators**.
* Extensively used **Selenium locators** like (**Xpath, CSS Selectors**) with the help of **Fire Bug** and **Fire path**.
* Attended all **grooming, daily scrum, sprint planning, sprint review and sprint retro meetings**.
* Used **Postman** for **Manual Testing** and used **Rest Assured Library** for automated scripts with **Application Programming Interface (API)** for **Back-End Testing.**
* As **IDE,** used **IntelliJ** for the creation of **automation test scripts**.
* Developed and maintained detail **test cases, expected results,** and traced the test cases to the requirements by preparing **Traceability Matrix.**
* Tested applications in **different web browsers** like Internet Explorer, Chrome, Firefox.
* Reported **bugs** and sent e-mail notifications to the developers whenever there is a change in the status of the defects using **GIT** and **Jenkins**.
* Used **Structured Query Language (SQL)** to connect and query the **database** for data validation and verification.
* Used **Apache POI** methods to read, write and validate the test data from **excel sheets**.
* Logged the **Defects** in **Jira** and maintained track of the defects throughout the **Software Testing Life Cycle (STLC).**
* Used **SQL Oracle, Java, SQL, JDBC,** and **RDBMS** to perform **Back-End Testing.**
* Successfully Completed **User Acceptance Testing (UAT)** on each release of the project with the help of end **user requirements**.

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| **CLIENT: GLOBAL TRADER** | **Miller Place, NY** |
| **TITLE: QA Automation Engineer** | **June – 2017 - May – 2018** |

# ROLES AND RESPONSIBILITIES

* Provided a **Cucumber training** to our remaining and new team members.
* Attended **requirements gathering** and analyzed the applications’ **requirements** to make sure they are clear.
* Used **Selenium Web Driver, Data Driven Testing (DDT), Java,** and **Cucumber** to develop Automation Framework for application **UI testing**.
* Used **Maven** as project building tool and integrated with **Continuous Integration** tool **Jenkins** **in version control** **GIT**.
* Identified and used **Web Elements** using various locators like **ID, Name, Tag Name, Link Text, Partial Link Text, XPath** and **CSS locators**.
* Used **Objective Oriented Program Language, Java,** and **Junit-Cucumber** framework including **Page Object Model (POM)** to drive the execution**.**
* Extensively used **Xpath and CSS Selectors Selenium Locators** to help reaching not unique **Web Elements**.
* Participated in **daily scrum, sprint planning, sprint review and sprint retro meetings**.
* Used **Rest Assured Library** for automated scripts and used **Postman** for **manual Testing** with **Application Programming Interface (API).**
* Used **IntelliJ** as **IDE** for the creation of **automation scripts**.
* Performed **cross-browser compatibility testing** on **Chrome, Firefox** and **IE** browsers using **Selenium Grid**.
* Efficiently logged and tracked defects using **JIRA**.
* Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
* Connected to **database** to query the database using **SQL** for data verification and validation.
* Used **Apache POI** methods for reading, writing, and validating the data from **excel sheets**.
* Logged the **Defects** in **Jira** and maintained track of the defects throughout the **Software Testing Life Cycle (STLC).**
* Used **SQL Oracle, Java, SQL, JDBC,** and **RDBMS** to perform **Back-End Testing.**
* Successfully Completed **User Acceptance Testing (UAT)** on each release of the project with the help of end **user requirements**.

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| **CLIENT: Harmony Public Schools** | **TX** |
| **TITLE: QA Analyst / Manual Tester** | **September – 2016 - May – 2018** |

* Tested users’ accounts of **ALEKS** software application manually using variety of methods.
* Implemented and applied bug tracking tools in **Jira**.
* Provided feedback to the clients.
* Determined some software defects and provided quality updates to product owner.
* Participated requirement analysis and design review meetings.
* Well versed with **SDLC** and **DFC (Defect Life Cycle)**.

# awards & achievements

* Won 1st place team award 2 times in chapter FLL Robotics competition.
* Won 3rd place team award in statewide FLL Robotics competition.
* Won 3rd place individual award in Math category Arkansas STEM Festival competition.
* Won 2nd place team award at the chapter MATHCOUNTS competition.
* Extensively used **Mindstorms software program** and helped the users to program the robots based on the competition tasks.
* Ability on creating some simple programs on various **Texas Instrument** handheld devices and showed the users how to create them and generate outcomes such as quadratic formulas and games.

EDUCATION

* Earned Bachelors’ degree from Ankara University with the major of **Mathematics** and took **Computer Programming** classeswith **C++ programming language** **for 2 years** during the college time.