

Asharaful Islam

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Skills & Expertise

Programming Languages: Java, HTML, CSS, JavaScript

Tools: Selenium WebDriver, TestNG, JUnit, Postman, Eclipse, IntelliJ, GitHub, Jenkins, Jira, ALM, Tosca

Database: MySQL, Oracle, Hadoop, MongoDB

Server: Apache Tomcat

Certification: CompTIA Security +

Hardware: Computer assembly and disassembly

Professional Experience

Headstarter AI | New York, NY

Software Engineering Fellow (July 2024 – Present)

- Developing Websites with Windows operating environments for different tools with AI Projects. Support the full product life cycle, including prototyping, requirements definition, design, development, integration testing, and maintenance.
- Involved in preparing test estimation, test strategy/plan, test case execution, and defect report.
- Creating 5 innovative AI applications
- Using GitHub to maintain the integrity of the data to ensure the team is using the latest and accurate codes, data, and processes.
- Performed UI test automation and maintained test automation framework using JAVA, Selenium Web Driver, and TestNG.
- Participated in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).

Environment: Agile, JSP, Selenium, TestNG, JUnit, XML, SQL, Windows operator, Jira, Git, Bitbucket, data analysis

Lockheed Martin | Mount Laurel, NJ

Software Engineer / QA Automation Engineer (Feb 2022 – December 2022)

- Active Secret Clearance
- Worked under RMS Department
- Developed Object-oriented software using Java with Windows operating environments for different tools. Engineering solutions to meet evolving customer needs for real-time wrap around simulation, and simulation capabilities. Support the full product life cycle, including prototyping, requirements definition, design, development, integration testing, and maintenance.
- Involved in the preparation of test estimation, test strategy/plan, test case execution, and defect report.
- Analyzed the business and system requirements with the Developer Team and involve in developing the Test Plan.
- Bug findings from story level, reproduce bugs, follow up with SE, PO, and wait for fixing for the retest.

- Used GitHub to maintain the integrity of the data to ensure the team is using the latest and accurate codes, data, and processes.
- Performed UI test automation and maintained test automation framework using JAVA, Selenium Web Driver and TestNG.
- Did full automation for 2 of the major used tools from Scratch.
- Applied standards, processes and procedures within a structured environment. Deploy the development fixed issues to the server by using Apache tomcat.
- Participated in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).

Environment: Agile, Java, Spring Framework, JSP, Selenium, TestNG, JUnit, XML, SQL, Windows operator, Jira, Git, Bitbucket, Apache Tomcat Server.

HCL Technologies | Horsham, PA

Software Engineer (June 2021 – Feb 2022)

- Project base Capstone: Did a Capstone Project in Spring Boot using Maven frameworks.
- Worked with Merck Client as Software Developer/DevOps.
- Conducted manual testing by using ALM tools and Automation Testing by using Tosca.
- Attended daily scrum meeting with the teams.
- Wrote regression test set for the Merck Application.
- Used smoke/regression/E2E automated script, propose solutions, add / modify or enhance previously recorded automated scripts for up-to-date version.
- Bug findings from story level, reproduce bugs, follow up with SE, PO, and wait for fixing for the retest.
- Used GitHub to maintain the integrity of the data to ensure the team is using the latest and accurate codes, data, and processes.

Environment: Agile, Scrum, Java, Selenium, Unit, Jenkin, SQL, Windows Environment, MacBook OS, iPad, Jira, Git, GitHub, HP ALM, Tosca.

Morgan Stanley (Contractor) | New York, NY

QA/ Software Developer (February 2021 – June 2021)

- Worked Under Wealth management Division.
- Conducted E2E Smoke testing Automation by Using Java and Selenium
- Executed 250+ on E2E Testing to develop the 3D Desktop application
- Wrote Automation Scripts, implemented software applications and reviewed software bug reports.
- Used HP Lean FT for automation for the Application used by millions of customers.

Environment: Agile, Java, Selenium, Jira, Git, GitHub, Junit, Lean FT.

iQ4 Cybersecurity Workforce Alliance | New York, NY

Cyber Case Study Intern (March 2019 – April 2019)

- Worked as a group with a case study of a Bank cyber attack

- Analyzed the conflict of the case study and came with a solution to implement how to prevent this in the future

Education

John Jay College of Criminal Justice, New York, NY (Graduated: July 2021)

- Bachelor's Degree in Computer Science and information security (GPA: 3.666)

Borough of Manhattan Community College, New York, NY (Graduated: May 2019)

- Associate Degree in Computer Science