

KARAN MEHRA

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TECHNICAL SKILLS

Languages: Python v3, Javascript

Tools & Frameworks: Cypress v4.6, Selenium, Amazon Web Services, Docker, Pytest, Github/Gitlab, PyCharm, Teamcity CI/CD.

Operating System: MacOS, Windows, Linux

WORK EXPERIENCE

Sr. Software Engineer, Tivix

February 2020 - Present

Working as a Sr. Software Engineer at Tivix.

- Implementing automation frameworks in Cypress, using Javascript.
- Automation using PyTest with Selenium:
 - Design and implement test suites using the Page Object Model approach.
 - Enable docker setup to run the test build as a containerized application.

Software Developer Engineer in Test, Quid Inc.

September 2019 - February 2020

- Designing and enhancing the Quid Pro command line tool for different parameters used on the UI for use within a command on the terminal and used to fetch JSON objects.
- Test Suite creation using PyTest with Selenium:
 - Designing fixtures both script based and conftest.py
- Worked with the Rainforest APIs to create a build management service that provisions on demand test data for Quality Engineers and triggers/schedules build configurations for automated testing.
- Enabling CI/CD tooling for the services created in the previous pointer and configuring them for auto-scheduling using Travis.

Data Engineer, The Blackstone Group (COE)

January 2018 - September 2019

- Designed and implemented data pipelines that fetch data from a cloud source or an ftp location and upload it to AWS S3 service for further processing.
 - Improving performance of these data pipelines over time through code refactoring.
 - Implementing Unit testing inside the code and adopting the PEP-8 standards of coding while doing so.
- Did multiple analysis projects such as map API latitude/longitude conversion efficiency based on Python Jupyter notebooks.

- Enhancing and fixing issues in the data lake solution implemented for the use by firm's data analysts and data scientists.
- Implementing CI/CD tooling for data pipelines and configuring them for auto-scheduling using Teamcity.

Sr. Software Quality Analyst, The Blackstone Group (COE)

May 2016 - January 2018

Worked as a Sr. Software Quality Analyst for two years at Blackstone

- Owning the automation delivery for various projects at the organization.
- Designing test plans and delegating tasks to the junior team members and driving product meetings with the stakeholders.

Test Analyst, Contata Solutions

April 2013 - May 2016

Worked as a manual tester.

- Understanding all about STLC and agile methodologies
- Owning, creating and executing test cases for the projects (web based and desktop based applications.)

EDUCATION

Bachelor of Technology, Computer Science Engineering

Lingaya's Institute of Management and Technology, Faridabad

67.22%

HSC, CBSE

Modern Vidya Niketan, Aravali Hills

83.20%

OTHER LINKS

1. Hackerrank Profile: <https://www.hackerrank.com/mehra9090>
2. Github URL: <https://github.com/ernestomehra>