# Karan Mehra

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**Profile Summary**

* Have around 7 years of proven experience in **manual, automated testing** of web-based and desktop- based applicaDons and good exposure to the back-end structure and working of a module under test along- with building / coding soluDons to compliment tesDng of the product.
* Hands-on experience in wriDng automaDon test scripts in **Python with Selenium web driver** and deploying them as per the project needs, implemented with logical triggers in Teamcity to keep a readily-executable test

suite for on demand regression tesDng.

* WriKen **Data Transfer jobs** in the Python programming language using the **boto3(AWS apk library)**

library conforming to the PEP-8 coding standards and using the **OOPS concepts** to achieve an eﬃcient program with less Dme complexity.

* Sound knowledge in AWS Infrastructure services such as **S3, Athena, Lambda** etc. that are basically the

main stay of the soRware running above the this layer.

* Experience in **writing unit tests in Python** using unit-test, mock libraries and create a **CI build in TeamCity** to run these tests on a scheduled basis.
* Familiar with commonly-used **GIT commands as Gitlab is used as the code versioning software**.
* Talk to the Developers and **prioritize bug fixes based on the severities.**
* Strong working experience in **Agile Software Development** Life Cycle environment.
* An excellent **team player**, responsible for maintaining and delivering quality User Stories assigned in Sprint.
* **Create test plans and strategize the testing** of applicaDons in accordance with **end-user**

**acceptance** to ensure the highest quality of the applicaDons.

* Ability to thrive under **pressure**, **comfortable taking initiative** and **handling multiple projects simultaneously.**

**Professional Experience**

* Working as a **Software Development Engineer in Test (Python)** at Quid Inc. (24th Sep ’19 - Present)

### Roles:

* + - Provisioning of the in-house Quid CLI tool funcDons and expanding the command base

for Data ScienDsts and developers to be able to run and hit Quid APIs directly at the backend using Python v3.

* + - Cutover yaml scripts into python to use as a conﬁguraDon script post builds to create

legacy data for tesDng through automaDon.

* + - Work with cloud based infrastructure (AWS) services and conﬁgure them for use as and when required.

### Worked as Sr. Quality Assurance Analyst - Automation at the Blackstone’s center of excellence

(23rd May ’16 - 6th Sep ’19)

### Roles:

* + WriDng automaDon test scripts using Selenium web driver with Python v3 in Katalon v6.
  + CreaDng keywords for usage in the exisDng automaDon framework.
  + CreaDng test plans for a user story and own the quality delivery in a given iteraDon / sprint.
* Worked as a **Data Engineer** in the **Data Science** project for a brief period of 8 months (Dec 2017 – July 2018).

### Roles:

* + Write data transfer classes in Python.
  + Enhancing the unit test suite for the code already in place.
  + Infrastructure as code: Conﬁgure resource iniDaDon and seeng up in AWS using terraform.
* Worked as a **Test Analyst** with **Contata Solutions Pvt. Ltd.** (22nd April 2013 – 16th May 2016)

# Roles:

* + Test Plan creaDon, test execuDon and test maintenance.

## Accomplished Projects

**Quid Pro: (September ’19 - Present):** Quid pro is a text based analyDcs tool that gives you insights by analyz- ing any type of text - news arDcles/companies/patents and ﬁnding insights for the customers. It is able to do this because of highly sophisDcated ML algorithms that work at its core. Link to the case studies - https://quid.com/ products/quid-pro

**Salesforce: (June ’18 - September ‘19):** Salesforce is a widely used CRM tool that BX uses to manage its cus- tomer engagements and deal tracking process. We track deals, commitments, contacts and a lot of other objects in SF with diﬀerent per missioning models that needs to be conDnuously tested and deployed to producDon.

**Data Science at Blackstone: (December ’17 – June ’18)** There are a number of porkolio engagement teams designed for a deal’s evaluaDon for various business units at Blackstone but these teams have been using obsolete techniques in idenDfying the best possible investment prospects in terms of overall ROI, so the Data sci- ence team at Blackstone engages with these porkolio engagement teams and try to answer their business ques- Dons by cleaning, analyzing and then visualizing the alternaDve datasets bought from various data vendors on contract, various cueng edge technologies such as Tableau, python, regression models prevalent in the market today are being applied in order to churn out the most accurate results and predicDve models at the ﬁrm. The team consDtutes of a mix of Data Engineers and Data ScienDsts who are responsible in creaDng data pipelines and using those data feeds to output results using the predicDve models created by the scienDsts.

**Blackstone Data Management: (May ’16 – December ‘17)** This product takes care of the master data and its feed which is pushed into other products of Blackstone, a strongly integrated system that caters the needs of investors to get all the possible informaDon about their business and fund investments. A criDcal part of this prod- uct is the Report Builder that provides extensive informaDon which could be custom-created according to the needs of our Limited partners i.e. the fund investors.

## Technical Skills

* Database/OS SQL Server 2014, Windows 10, MacOS Catalina
* Programming Language Python 3.6.4
* TesDng Tools Selenium, JIRA, Katalon v6.0.5, Conﬂuence, ManDs, Rally, Test Rail and Test Link
* Other Tools PyCharm, GitLab v10.8.3, TeamCity v2017.2.1, Terraform v0.11.0
* TesDng skills AutomaDon, Re-tesDng, Regression, Smoke and Systems

## Education

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| **Academics** | **University/Board** | **Score** | **Year** |
| B.Tech - Computer Science Engineering | Maharshi Dayanand University | 67.22% | 2012 |
| XIITH | CBSE | 83.20% | 2008 |
| XTH | CBSE | 86.40% | 2006 |