Justin Garza
818 251 0647
JGarza9788@gmail.com

Summary:

- 6 Years of experience in Python Development and Data Analysis, System Design, Testing, Bug Fixes, Enhancement, Support, and Integration of APIs to generate reports and automate tasks.
- Experience working with command line utilities/environments.
- Experience with Unit Testing / Test Driven Development (TDD), Load Testing and Integration Testing.
- Experience building frameworks and automating complex workflows using Python for Test Automation
- Experience working with data from HDFS, Hive, Postgres, MongoDB, Oracle and SQL servers.
- Experience with SQL Server Management Studio, Teradata SQL Assistant, and Toad.
- Experienced in version control systems using Git, GitHub, GitLab, GitKraken, SourceTree and Bitbucket.
- Experience working deployment tools using Jenkins and vercel.
- Experience working with issue tracking tools like Jira and SonarQube.
- Ability to handle multiple tasks, Initiative and Adaptable. Self-motivated, organized team player with strong problem solving and analytical skills and total commitment to the organization goals.
- Developed REST API's using serverless framework, AWS Lambda, API Gateway
- Experienced with full software development life cycle (SDLC), object-oriented programming (OOPS), and database design.
- Hands on experience using Python 2.x and 3.x version.
- Experienced in developing web-based applications using Python, Django, Streamlit, JSON, XML, CSS3, HTML5, JavaScript and jQuery.
- Experience working with Python charts and graph libraries like Matplotlib, Seaborn, Altair.
- Experience working with Python APIs, RESTful Web Service, and web-automation libraries like Selenium, requests, and beautifulsoap4.
- Experience working with Python data-analytics libraries like Pandas, NumPy, and OpenPyXl.
- Experience working with Python machine-learning libraries like Pytorch, SciKit, and Pickle.

Education:

- Bachelors in Computer Information Systems DeVry University (2014)

Certifications:

- Python (top 5%) – LinkedIn.com
- Excel (top 5%) – LinkedIn.com
- Python Certification – HackerRank.com
- Java Certification – HackerRank.com
- SQL Certification – HackerRank.com
- C# Certification – HackerRank.com

Skills:

- Python, Java, SQL, and C#
- Matplotlib, Seaborn, Altair, Selenium, Selenium-Wire, Requests, BeautifulSoup4, Pandas, NumPy, OpenPyXl, Pytorch, SciKit, Pickle, VBS/VBA,
- Django, Streamlit
- VS Code, Atom, Sublime Text 3, Jupyter Notebook, PyCharm, Visual Studio
- Git, BitBucket, SourceTree, Jira, Jenkins, XLR, SonarQube
- HDFS, Hive, Postgres, MongoDB, RDBMS, Oracle and SQL
- HTML, CSS, JavaScript, XML, JSON, RESTful Web Service, APIs
- Windows, MAC OS, Unix/Linux.

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Professional Experience:

Bank of America - Global Treasury Monitoring Solution, NC   **March 2022 – Present**
VP Software Engineer II
- Diagnosed T-SQL Store Procedures and produced plans to optimize the code to reduce runtimes.
- Upgraded T-SQL Store Procedures while documenting code changes.
- Tested T-SQL Store Procedures modifications and recorded results and changes that could impact downstream production.
- Discovered ~100 Bugs within our main code repository by leveraging Python and SonarQube.
- Empowered Teammates by creating coding standards and how-to documents for Bitbucket repositories, commenting code, and creating and running unit tests.
- Collaborated with SonarQube owners to take full advantage of its features to enhance code quality.
- Communicated with the software testing team in order to automate some of the manual tests.

Environment: Python, Selenium, Requests, BeautifulSoap4, Pandas, Streamlit, PyCharm, Jupyter Notebook, Sublime Text 3, Git, Bitbucket, Jira, Jenkins, XLR, SonarQube, HTML, CSS, C#, Visual Studio, T-SQL, SSMS, Toad, RDBMS, SQL, Windows, Shell Scripting

Bank of America – Enterprise Independent Testing, CA   **Sept 2019 – March 2022**
VP Test Tools & Analytics Specialist II
- Authored a variety of design documents in order to facilitate the migration from an SSIS based system to a web-based ETL system.
- Resolved critical Issues with our ETL processes.
- Developed scripts (Python/SQL) to validate our ETL process, and produced several reports.
- Trained and guided on various Python libraries and best practices.
- Collaborated with our technology and compliance teams in order to automate much of our manual work.

Environment: Python, Matplotlib, Seaborn, Selenium, Requests, BeautifulSoap4, Pandas, NumPy, OpenPyXL, PyTorch, SciKit, Pickle, VBS/VBA, PyCharm, Jupyter Notebook, Sublime Text 3, VS Code, Git, Bitbucket, Jira, HTML, CSS, RESTful Web Services, APIs, C#, Visual Studio, T-SQL, SSMS, Toad, HDFS, Hive, Postgres, MongoDB, RDBMS, Oracle, SQL, Windows, UNIX, Shell Scripting

Bank of America – Compliance Testing Analytics, CA   **Sept 2012 – Sept 2019**
AVP Analytics Specialist
- Maintained, and serviced, a repository of 600 SSIS packages using Team Foundation Server and SSIS.
- Analyze SSIS package in order to answer key business questions or troubleshoot data issues and execute solutions.
- Designed simple and complex SSIS packages, that use T-SQL, Visual Basic, and C#, in order to clean and stage data for use in a production environment.
- Performed quality assurance checks on new scripts before adding them to the repository.
- Built an application to aid in finding SQL scripts based on the database objects used within them.
- Responsible for collecting, processing, and uploading data from various sources to be used in compliance testing.
- Customized the data tier of a 3-tier web-based application, using SQL.
- Composed stored procedures to detect issues within our testing platform.
- Collaborated with Sample Developers in order to rewrite SQL scripts for use in our automation environment.
- Spearheaded meetings with Test Designers and Compliance Officers to verify compliance test code.
- Conducted training for coworkers and peers on frameworks, APIs, testing system(s), and more.
- Provided my expertise in SQL, SSIS, JavaScript, Python, VBS, HTML, and XML to teammates and other programmers.

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Environment: Python, Matplotlib, Pandas, NumPy, OpenPyXL, VBS/VBA, PyCharm, TFS, SharePoint, C#, Visual Studio, T-SQL, SSMS, Toad, RDBMS, Oracle, SQL, Windows, Shell Scripting

Bank of America – Imaging and File Retention, CA   **Oct 2011 – Sept 2012**
Business Support Lead I

- Generated daily, weekly, and monthly analytical reports and distributed them across several teams across the entire line of business.
- Enhanced CRM database using reporting and data analysis.
- Designed, created, and maintained multiple databases in access (2007-2010) in order to facilitate production.
- Wrote SQL queries using Microsoft SQL Server Management Studio v9 in order to provide the needed populations to various departments.
- Produced spreadsheet templates in Microsoft Excel (2003-2010) for multiple lines of business within multiple departments.
- Designed Visual Basic scripts in order to achieve large amounts of research and further programming within my line of business.

Environment: Visual Studio, T-SQL, SSMS, Toad, RDBMS, Oracle, SQL, Windows, SharePoint, Excel VBA/VBS, Shell Scripting

Bank of America – Imaging and File Retention, CA   **Sept 2009 – Oct 2011**
Records Manager

- Responsible for researching and requesting original collateral documents for internal and external customers.
- Collaborated and maintained lines of communication with lawyers and document custodians via fax, email, phone and conference calls.
- Collaborated with colleagues to plan and implement the conversion of the firm's files into a database.

Environment: T-SQL, SSMS, RDBMS, Oracle, SQL, Windows, SharePoint, Excel VBA/VBS, Shell Scripting