

Highly skilled Python developer with 2+ Years of experience. Proficient in Python core concepts, data manipulation, and database integration. Strong problem-solving skills and a passion for creating innovative applications. Experienced in designing and implementing RESTful APIs, with a focus on delivering seamless communication between front-end and back-end systems. Committed to staying up to date with the latest trends and delivering efficient solutions.

Skills

Python

Libraries: pandas, matplotlib, ggplot2, BeautifulSoup2, re, os

Data Visualization

Tableau, Power Bi

Web

HTML, CSS, React, jQuery.

SQL

Software: Oracle SQL Developer, MySQL

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Work Experience

Title: Python Developer

Staffing Firm: Collabera LLC, Remote (Lexington, KY)

Client: Bank of America Corporation, February 22, 2022 — August 22, 2023

- Built database model, views and APIs using Python for interactive web-based solutions.
 - Implemented restful APIs in Flask, also utilized SQL alchemy where I write Python code that includes SQL scripts.
 - Used SOLID principles for memory optimization and code refactoring. Utilized Pandas library for wrangling the data.
 - Placed data into JSON files using Python to test Flask websites. Used Python scripts to update the content in database and manipulate files.
 - Involved in analysis, specification, design, implementation, and testing phases of Software Development Life Cycle (SDLC) and used agile methodology for developing applications.
- Environment:** Python 3.9, Flask, Oracle, SQL, HTML, GIT, Excel, PyCharm

Title: Python Test Engineer

Staffing Firm: TechPro Solutions Inc, Mountain View, CA

Client: Google LLC, October 25, 2021 — February 18, 2022

- Developed test plans, test cases, and test scripts to ensure the highest level of software quality.
- Developed and maintained test documentation, such as test plans and test cases.
- Developed automated test scripts using scripting languages such as Python, and Shell scripting.

Title: Automation Engineer

Mechatraining LLC, Morehead, KY, May 3, 2021 — October 22, 2021

- Developed an automation solution that identifies and resolves system outages and performance issues.
- Testing automated systems for efficiency, safety, and reliability, troubleshooting system errors.

Title: Residence Counselor

Morehead State University, Morehead, KY, Jan 2017 – Dec 2020

- Responsible to mentor 15 High School students by providing guidance and counsel in social skills and ensure accountability of students and performs good judgement when responding to crisis situations

Education

MS (Engineering & Technology Management), Morehead State University, Aug 2019 — Dec 2020

Courses- Machine Learning, Data Mining, Advanced Networks

MS (Space Systems Engineering), Morehead State University, Aug 2016 — May 2019

Courses- Digital Signal Processing, Advanced Space Communications.

Thesis- A Proof of Concept Python Tool for Small Satellite Thermal Management.

https://scholarworks.moreheadstate.edu/msu_theses_dissertations/350/