

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/](https://scholarworks.moreheadstate.edu/msu_theses_dissertations/350/)