

Okonkwo Mandy

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SUMMARY

Experienced Python Software Developer with 3+ years of experience in crafting seamless backend solutions for optimal web performance by developing and maintaining web applications, data pipelines, and machine learning models. Proven ability to use Python, Django, Flask, HTML, CSS, Django-REST-Framework, FastAPI, Markdown, Linux, VSCode, and Bootstrap.

EXPERIENCE

Automation Engineer

DBA Consulting

June 2023 - Present, Jun 2023 - Present · 5 mos

- Tools: Smtplib, Pyautogui, Pillow, PyPDF2, Selenium, Scrapy.
- Designed, developed, and maintained automation scripts in Python to streamline business processes, resulting in an increase in efficiency.
- Designed and implemented web scraping scripts using Python libraries (BeautifulSoup, Scrapy and Selenium) to extract relevant data from websites.
- Developed automated PDF generation scripts using Python libraries (such as ReportLab) to generate standardized reports and an image automation software using the pillow python package.
- Created automated email scripts using Python and SMTP to streamline communication processes, enabling timely and personalized email campaigns.
- Presented scraped data in different file formats to aid readability.

Python Developer(Django)

Nanocodes Programming

September 2022 - August 2023, Nsukka, Enugu, Nigeria

- Skills: Flask, JavaScript, HTML5, Git, Cascading Style Sheets (CSS), Python (Programming Language), Django.
- Designed, developed, and implemented Python-based software solutions.
- Proficient in web development, utilizing HTML, CSS, and JavaScript and Managed databases such as MySQL, PostgreSQL, and MongoDB.
- Practiced software development best practices, emphasizing OOP methodologies and Git version control.
- Demonstrated adept problem-solving and debugging skills.
- Collaborated with team members to diagnose and resolve technical issues.

Python Developer

Freelancer

January 2020 - 2023

- Strong proficiency in Python programming language.
- Developed experience with popular Python frameworks such as Django and Flask.
- Developed several web browser automation scripts using Selenium and other Python frameworks.
- Created and maintained technical documentation for various Python-based systems and applications, ensuring accuracy and clarity.
- Developed tutorials, examples, and how-to guides to assist users in utilizing Python-based systems and applications.

Technical Writer

Medium

Every once in a while, May 2022 - Jul 2023 · 1 yr 3 mos

EDUCATION

Bachelor of Engineering - BE, Metallurgical and materials Engineering

University of Nigeria, Nsukka · 2022

CERTIFICATIONS

Google IT Automation with Python Specialization

Coursera · 2023

Configuration Management and the Cloud

Coursera · 2023

Introduction to Git and GitHub

Coursera · 2023

Troubleshooting and Debugging Techniques

Coursera · 2023

Using Python to Interact with the Operating System

Coursera · 2023

Crash Course on Python

Coursera · 2022

Automating Real-World Tasks with Python

Coursera · PHPXWN4D3YRW

SKILLS

Tools & Technologies: Flask, JavaScript, HTML5, Git, HTML, Cascading Style Sheets (CSS), Python (Programming Language), Django.

Industry Knowledge: Front-End Development, Engineering, Technical Writing, Web Development, Web Content Writing, Web Content Creation, Automation.

Languages: English, Python

Tools: Git, Postman, VS Code.

Paradigms: REST API Architecture.

Platforms: Visual Studio Code, Linux, Windows.

Devops and Cloud: Docker, Aws, Bash.