

# Okpara James Uchechi

## Software engineer

40 sabo-gari  
Abuja, Bwari  
09015340007  
[popejamesjedidiah@gmail.com](mailto:popejamesjedidiah@gmail.com)

Highly motivated and experienced software engineer with a strong background in Python, web scraping, and data science. Proficient in developing scalable and efficient data pipelines, web scrapers, and data analysis tools. Passionate about staying up-to-date with the latest technologies and techniques in the field.

## SKILLS

- Programming languages: Python, JavaScript
- Web scraping: BeautifulSoup, Scrapy, Selenium
- Data science: Pandas, NumPy, Matplotlib, Scikit-learn
- Databases: MySQL, PostgreSQL, MongoDB
- Operating Systems: Windows, Linux, macOS
- Agile development methodologies: Scrum, Kanban

## EXPERIENCE

### **Relearn – SafeOnline, NG- Educator**

March 2021 - Nov 2021

- Lesson planning and delivery: I designed and taught engaging lessons on online safety, digital citizenship, and media literacy, aligning with the Relearn curriculum.
- Workshop facilitation: I facilitated interactive workshops, promoting discussions, group activities, and hands-on exercises to help students develop critical thinking and problem-solving skills.

### **Aspilos Foundation, NG - Data Engineer**

Nov 2021 - Present

- Designed and implemented web scraping scripts using Python to collect data on digital divide metrics, such as internet penetration rates, digital literacy, and online access disparities.
- Analyzed and visualized data to identify trends, patterns, and insights, informing Aspilos Foundation's digital inclusion initiatives and policy recommendations.

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- I Collaborate with program managers to design and implement data collection strategies, analyzing key performance indicators (KPIs) to optimize program outreach, engagement, and impact.

#### **Techminds Academy – Data scientist/ Instructor**

Feb 6 – present

- Helped in generating the company's data and as such became a key decision making because of my keen eye for insight hence helped in the growth of the firm
- Helped in building the school websites. Backend specifically because of my strong python foundation
- Tutors the students who are coming into the bootcamp basic computer training and then basic python till intermediate level.

## **EDUCATION**

**September 2010 - June 2016**

- **Ndukwe Community secondary School Ebonyi State-** O level
- **ALX Africa–Data Science**

**August 2022—November 2023**