

# ELEM, ONYEDIKACHI PROSPER

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**Tableau:** <https://public.tableau.com/app/profile/prosper.kachi/vizzes>

**GitHub:** <https://github.com/Ka-Da-Sci?tab=repositories>

**Website:** <https://katchie.fast-page.org>

## CAREER SUMMARY

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**Proficient Business/Data Analyst and Database Engineer** with broad background in Data Science and Electrical Engineering, as well as a developed competence in sales management and customer service; skilled in Python, SQL, Tableau, and Microsoft Excel with remarkable ability to analyze [large] datasets, visualize the data, identify patterns, draw insights, and make data-driven recommendations. Highly skilled in refined leadership and dynamic people management with the ability to utilize project management strengths. Confident and well versed in entrepreneurial awareness and emotional intelligence to resolve problems and meet clients' needs. Dynamic and enthusiastic; works well in teams to meet deadlines and solve complex tasks. Possesses strong communication skills both in written and oral formats.

## SKILLS

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- 2+ years' experience in data structure and algorithm implementation with Python.
- 2+ years' experience in data entry, collections, cleaning and analytics.
- 2+ years' experience in database management.
- 2 years' experience in Excel programming.
- Strong problem-solving abilities to tackle complex issues, evaluate various approaches, and derive optimal solutions.
- Efficient time management to execute given tasks and achieve goals.
- Proficient in English Language and communicates well in oral and written formats.
- Ability to identify complex problems, develop and evaluate options and implement solutions.
- Ability to lead a team, resolve conflict, motivate, organize, and establish rapport.

## PROFESSIONAL EXPERIENCE

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### Business/Data Analyst

Freelancer, Upwork

2021 – Present

- Implemented a database design and management for an academic institution leveraging Python's SQLAlchemy framework.
- Implemented a PostgreSQL query (using Valentina Studio) for a corporate institution to unearth a culprit based on the employee's data/records on the firm's database; employed the appropriate JOIN, SELECT and other relevant SQL commands/methods to combine and query the various databases to unearth the culprit.
- Provided technical support to a mobile app development team leveraging Python (BeautifulSoup, Pandas) to extract, clean and analyse relevant Real Estate data.
- Provided a technical lead to an e-commerce platform; analysing and visualising their sales data; showed the trends across their various products and across their various branches in different regions; built a model with the appropriate dynamic dashboards and story to show the profitable and unprofitable products across regions, countries, product categories, and product sub-categories, as well as give recommendations based on the underlying trends.
- Implemented a real estate price prediction machine learning algorithm.
- Provided technical lead to a firm, leveraging Microsoft Excel to prepare their financial statements, including an accompanying 3 years financial model; employed Excel's Pivot Tables.

### Engineering Intern

EEE Workshop, UNN, Enugu

March 2021 – Aug 2021

- Worked at the Electrical sections dealing with the repairs, services and maintenance of various machineries such as electric motors etc.
- Ensured the smooth running of the facilities with reduced downtime - all maintenance works were carried out on schedule.
- Supervised junior students/trainees.

### Sales and Marketing Manager

Vicks Enterprise, Lagos

Dec 2012 – Aug 2014

- Supervised day-to-day sales activities, as well as marketing and discoveries of cheaper yet reliable supply channels.

## TOOLS/ FRAMEWORKS

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- Python

- Tableau
- Microsoft Excel
- MySQL
- PostgreSQL
- SQLite
- SQLAlchemy
- Selenium
- PyCharm
- Git
- GitHub

## EDUCATION

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- **University of Nigeria, Nsukka, Enugu** **2022**  
Bachelor of Engineering (B.Eng.) in Electrical Engineering

### **Research Projects Undertaken:**

- Design and Implementation of a Wireless Cell Phone Detection System **2022**

### **Publications:**

- Intelligent Management of Distributed Generators Reactive Power for Loss Minimization and Voltage Control **2022**

## AWARDS/HONOURS

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- TREM Campus Fellowship National Leadership Excellence Award **2022**

## REFeree

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- Available on request.