

### PROFILE

Enthusiastic and results-driven Software Engineer with over four years of experience in designing, developing, and deploying robust software solutions. Adept at collaborating with cross-functional teams to deliver high-quality products that meet business objectives. Fascinated by the opportunities created by Artificial Intelligence (AI), I have spent the past few years immersing myself in data and machine learning so as to transition into the dynamic field of AI. Seeking opportunities to apply technical expertise, problem-solving skills, and a passion for innovation to contribute to cutting-edge projects and leverage my technical background to address complex challenges in any domain.

### SKILLS/COMPETENCE

**Programming:** Python, JavaScript, PHP, R, SQL, Git, AWS, GCP.

**Libraries/Framework:** Tensorflow/Keras, PyTorch/Fastai, Scikit-learn, Pandas, NumPy, Django/Django Rest, Nodejs.

**Deep Learning:** Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), Computer Vision, Natural Language Processing (NLP).

**Relevant Courses:** Machine learning, Deep learning, Algebra, Calculus, Probability, Statistics.

**Soft Skills:** Leadership, Time Management, Excellent Communication and Collaboration Abilities, Problem Solving and Analytical Skills, Goal Oriented.

**Volunteering:** Pie & AI, Django Girls, Python weekend, GDSC.

### EXPERIENCE

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|--------------------|--|
| <b>2023 - Date</b> | <b>Ambassador: Pie &amp; AI (Deeplearning.ai)</b> <ul style="list-style-type: none"><li>Advocacy, Training, Community Engagement and Mentorship</li></ul>  |
| <b>2022 - Date</b> | <b>Co-founder/Backend Engineer: Cheaper shop</b> <ul style="list-style-type: none"><li>Design and implement backend infrastructure, secure data storage solutions and optimize server performance to handle growing user traffic, ensuring data integrity and platform reliability.</li><li>Implement RESTful APIs to support seamless interactions between platforms, ensuring efficient data retrieval and user experience.</li><li>Collaborate with cross-functional teams to design and implement software solutions, ensuring alignment with business requirements.</li></ul> |
| <b>2023</b>        | <b>Software Engineer: Terraskills</b> <ul style="list-style-type: none"><li>Collaborated with cross-functional teams to design and implement software solutions for recruitment, creating resume, thereby improving the overall recruitment process.</li></ul>   |
| <b>2022</b>        | <b>Software Engineer: University of Abuja Health Services</b> <ul style="list-style-type: none"><li>Designed and developed a scalable web app for scheduling appointment, managing patients and prescription, thereby increasing efficiency by 75%</li></ul>   |
| <b>2021 – 2022</b> | <b>Lead: Google Developer Student Clubs</b> <ul style="list-style-type: none"><li>Advocacy, Host workshops, Training/coding sessions.</li><li>Organize tech events (Devfest, Google I/O, Techfest, etc.)</li></ul>   |
| <b>2021</b>        | <b>Project Officer: Aspilos Foundation</b> <ul style="list-style-type: none"><li>Coached/trained project participants on Web development and Data science.</li><li>Supervised projects and addressed complex issues.</li></ul>   |

### PERSONAL INFO

#### Address:

Area 10 Garki, Abuja,  
Nigeria.

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✉ [onyedikachi1997@gmail.com](mailto:onyedikachi1997@gmail.com)

#### [Portfolio](#)

#### [GitHub](#)

#### [LinkedIn](#)

#### Hobbies:

- Reading
- Music (Piano)

**PROJECTS**

2023	<b>Intl. Research &amp; Development Conference: Kampala Intl. University, Uganda</b> <ul style="list-style-type: none"><li>Co-author and Presenter of a paper on “detecting plant diseases using CNN”.</li></ul>
2022	<b>African Journal of Agriculture &amp; Allied Sciences: Plant Disease Detection</b> <ul style="list-style-type: none"><li>Co-author</li></ul>
2022	<b>Face Expression App</b> <ul style="list-style-type: none"><li>Built a model to detect face expression with over 65% accuracy and low latency.</li><li>Embedded model in a real-time app.</li></ul>
2022	<b>Drowsiness/Sleep Detection system</b> <ul style="list-style-type: none"><li>Implemented a computer vision system to detect and send alert if a driver falls asleep while driving.</li></ul>
2022	<b>Shazam for food</b> <ul style="list-style-type: none"><li>Replicated the shazam app to detect and classify African cuisines and display detailed description of origin and recipe.</li></ul>

**EDUCATION/CERTIFICATIONS**

2019 – 2023	<b>B.Sc. in Computer Science:</b> University of Abuja, Nigeria
2022	<b>Udacity Data Analyst Nanodegree:</b> Udacity
2020/2021	<b>Machine Learning:</b> Stanford (Coursera)
2020	<b>AWS Fundamental in Machine Learning:</b> Udacity