

# Onyedikachi Benjamin Ogbonna

Machine Learning Engineer

## PROFILE

Enthusiastic and results-driven Software Engineer with five 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 the AI domain.

## SKILLS/COMPETENCE

**Programming:** Python, JavaScript, PHP, R, SQL, NoSQL, 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:** GDSC, Django Girls, Python weekend, Pie & AI.

## 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</b> <ul style="list-style-type: none"><li>Collaborated with cross-functional teams to design and implement software solutions, ensuring alignment with business requirements.</li><li>Developed and maintained scalable applications, improving overall system efficiency and performance.</li><li>Contributed to the full software development life cycle, from concept and design to testing and deployment.</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, 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 health services app, increasing clinic efficiency by 75%.</li></ul>                                                                                                                                                                                                                                                                 |
| <b>2021 – 2022</b> | <b>Lead: Google Developer Student Clubs</b> <ul style="list-style-type: none"><li>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.

☎ +2348129944424

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

### Portfolio

### GitHub

### LinkedIn

### Hobbies:

- Reading
- Music (Piano)

**PROJECTS**

<b>2023</b>	<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>
<b>2022</b>	<b>African Journal of Agriculture &amp; Allied Sciences: Plant Disease Detection</b> <ul style="list-style-type: none"><li>• Co-author</li></ul>
<b>2022</b>	<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>
<b>2022</b>	<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>
<b>2022</b>	<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**

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