Benjamin Ogbonna
Machine Learning Engineer

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

2023 - Date Ambassador: **Pie & AI (Deeplearning.ai)**
- Advocacy, Training, Community Engagement and Mentorship

2022 - Date Co-founder/Backend Engineer: **Cheaper shop**
- Design and implement backend infrastructure, secure data storage solutions and optimize server performance to handle growing user traffic, ensuring data integrity and platform reliability.
- Implement RESTful APIs to support seamless interactions between platforms, ensuring efficient data retrieval and user experience.
- Collaborate with cross-functional teams to design and implement software solutions, ensuring alignment with business requirements.

2022 Software Engineer: **University of Abuja Health Services**
- Designed and developed a scalable web app for scheduling appointment, managing patients and prescription, thereby increasing efficiency by 75%

2021 – 2022 Lead**: Google Developer Student Clubs**
- Advocacy, Host workshops, Training/coding sessions.
- Organize tech events (Devfest, Google I/O, Techfest, etc.)

2021 Project Officer: **Aspilos Foundation**
- Coached/trained project participants on Web development and Data science.
- Supervised projects and addressed complex issues.

PERSONAL INFO

Address:
Area 10 Garki, Abuja, Nigeria.

☎ +2348129944424

✉ onyedikachi1997@gmail.com

Portfolio

GitHub

LinkedIn

Hobbies:
- Reading
- Music (Piano)

PROJECTS

2023   **Intl. Research & Development Conference: Kampala Intl. University, Uganda**
- Co-author and Presenter of a paper on "detecting plant diseases using CNN".

2022   **African Journal of Agriculture & Allied Sciences: Plant Disease Detection**
- Co-author

2022   **Face Expression App**
- Built a model to detect face expression with over 65% accuracy and low latency.
- Embedded model in a real-time app.

2022   **Drowsiness/Sleep Detection system**
- Implemented a computer vision system to detect and send alert if a driver falls asleep while driving.

2022   **Shazam for food**
- Replicated the shazam app to detect and classify African cuisines and display detailed description of origin and recipe.

EDUCATION/CERTIFICATIONS

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