

## Contact

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## Top Skills

Predictive Modeling  
Pattern Recognition  
Natural Language Processing (NLP)

## Certifications

AI Demystified  
Product Management  
Data science and business analytics  
120th Global Tech Hero  
Openclassrooms become an accessor

## Honors-Awards

120th Global Tech Hero

## Publications

FACE MASK DETECTION  
DATASET AND APPLICATION

TECHNOPRENEURSHIP AS  
A DRIVER FOR ADOPTING  
UNIVERSITY-CREATED  
TECHNOLOGY AND DIGITAL  
TRANSFORMATION

INTEGRATION OF CHATBOTS  
INTO TEACHING AND LEARNING  
IN NIGERIA UNIVERSITIES

Browser-Based Object Detection  
System for Isolating Plastic Bottles  
using the COCO-SSD Model.

Data analytics and visualization  
using Power BI and MS Excel for  
COVID-19

# Chidozie Managwu

Global Tech Hero - Creator NaijaPlate | AI Engineer | Transforming  
Modern Apps with Advanced AI Solutions  
Bradford, England, United Kingdom

## Summary

I am a seasoned Software Developer with extensive experience in Python, JavaScript, Django, .NET, and Next.js. My expertise also includes HTML, CSS, and cloud platforms such as Digital Ocean, AWS, and Azure. I am committed to continuous learning and staying updated with the latest technological advancements.

Currently, I develop, maintain, and enhance web applications for a diverse range of clients, ensuring robust and scalable solutions. I excel in deploying and managing applications on the cloud, focusing on creating intuitive, user-friendly web applications that deliver exceptional user experiences.

As a collaborative team player, I thrive in dynamic environments and consistently strive to deliver high-quality projects. My mindset of continuous improvement, combined with effective communication skills, enables me to advocate for best practices and ensure alignment with business needs and technological advancements.

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## Experience

### Incommunities

#### Software Engineer

June 2023 - Present (1 year 11 months)

United Kingdom

- Led Development Efforts : Designed, developed, and maintained scalable software solutions to integrate third-party applications and support data warehousing, servicing over 30,000 customers .

- Certifications & Expertise : Achieved ITIL 4 Foundation Certification , enhancing service management processes, and earned the Salesforce Agentforce Expert Certification , demonstrating proficiency in Salesforce ecosystems.

- Feature Enhancements : Spearheaded the development of innovative features that improved system functionality and customer experience for a large user base.
- Cross-Functional Collaboration : Partnered closely with UI/UX designers to enhance in-house systems, ensuring usability, accessibility, and responsiveness across platforms.
- Professional Growth Programme : Actively participated in a 2-year professional development programme , gaining mentorship and refining skills to drive business services forward.
- Impactful Contributions : Played a key role in optimizing internal workflows and integrating cutting-edge technologies to streamline operations and improve service delivery.

Texas A&M University  
Machine Learning Engineer  
April 2024 - Present (1 year 1 month)  
Texas, United States

- Develop and implement AI models using Python and tools like TensorFlow and PyTorch to support research objectives.
- Collect, clean, and manage datasets, building data pipelines to streamline processing and analysis.
- Perform statistical analyses and machine learning techniques to derive actionable insights from research data.
- Collaborate with researchers on study design, offering technical expertise for interdisciplinary projects.
- Prepare technical reports and assist with academic publications, supporting research presentations for conferences.

Zettaworks Technologies  
Senior Full Stack Engineer (Team Lead)  
November 2020 - Present (4 years 6 months)  
Port Harcourt, Rivers, Nigeria

- Participate in the overall application lifecycle

- Ensures web design is optimized for smartphones in collaboration with the other team members.
- Optimizing databases and Web pages for maximum speed and scalability.
- Development and Maintenance of company/client websites and web applications along with other team members.
- Responsible for coding and debugging, building reusable code for future use
- Implements security and data protection rules.
- Defines and communicates technical and design requirements, ensuring balance between functional and aesthetic design.
- Provide training, help and support to other team members and company clients when required.
- Build high-quality reusable code that can be used in the future in the form of libraries.
- Develop functional and sustainable web applications with clean codes.
- Create database schemas that represent and support business processes
- Troubleshoot and debug applications end to end also carry out Web Application Security Assessment (WASA) and produce reports on same
- Collaborate with multidisciplinary team of designers, developers and system administrators
- Determine the structure and design of web pages also utilize a variety of markup languages to write web pages.
- Conduct UI tests and optimize performance
- Technologies: Reactjs, Django, Python, Postgres, Firebase, Twilio API, JQuery/AJAX, SCSS...

Freelance, self-employed

Freelance Web Developer

January 2018 - Present (7 years 4 months)

Port Harcourt

OpenClassrooms

Mentor and Accessor Web Development

December 2021 - June 2024 (2 years 7 months)

United Kingdom

Guide and advise your students in the completion of the projects of their training program.

Inspire your students with your advice and experience in your field.

Monitor your students' progress throughout the mentoring sessions.

Report problems and difficulties related to your students.

## GAMES Consort

### Enterprise Analyst and Developer (Faculty Fellow)

June 2022 - April 2024 (1 year 11 months)

The following cutting-edge training courses are running in our Enterprise Data School at GAMES:

- Data Science and Business Analytics
- Machine Learning and AI
- Big Data Analytics: From Pipelines to Insights
- Cloud Engineering on GCP and Azure
- Machine Learning Engineering
- Advanced Big Data Engineering
- Enterprise Data Product Management

My functions include:

- Facilitating training sessions on modules that involve analytics, machine learning and AI.
- Ensuring industry-relevant projects are incorporated into the training courses, from curriculum design to delivery.
- Provided executive leadership, innovative tech strategy and digital marketing planning for various training courses.
- Participated in board meetings on curriculum design to ensure the training courses match industry demand.

## Generation

### Generation 'AWS reStart' Training

April 2023 - July 2023 (4 months)

Leeds, England, United Kingdom

Generation Initiative AWS Restart program is a 3-month bootcamp that trains individuals in AWS cloud computing for entry-level roles, with hands-on training, mentorship, and career support.

- Amazon Cloud Computing: Learned how to use AWS services, such as EC2, RDS, and S3.
- Linux: Learned how to use Linux, the operating system that is used on many AWS servers.

- Python: Learned how to use Python, a programming language that is commonly used on AWS.
- Networking: Learned about networking, the infrastructure that allows computers to communicate with each other.
- Databases: Learned about databases, which are used to store and manage data.
- Teamwork: Demonstrated the ability to work effectively as part of a team.

Skills: AWS | Python (Programming Language) | Linux | Security | Networking | Databases

## Dreams-AI

### Software Engineer

March 2023 - April 2023 (2 months)

United Kingdom

- Developing and implementing software solutions that meet the requirements of the project specifications.
- Collaborating with other members of the team to identify project requirements and design solutions that are scalable, efficient, and maintainable.
- Writing clean, maintainable, and testable code, using appropriate coding standards and best practices.
- Designing and implementing automated tests to ensure the quality of the software and improve its maintainability.
- Troubleshooting and debugging software issues, providing timely and effective solutions to ensure that the software meets its quality requirements.
- Participating in code reviews to ensure that code is of high quality and conforms to coding standards.
- Documenting software designs, requirements, and implementation details, to facilitate future maintenance and evolution of the software.
- Keeping up-to-date with the latest trends, tools, and technologies in software development, and sharing knowledge with other team members.

- Communicating with stakeholders to understand their requirements and provide updates on project progress.
- Contributing to the development of project plans, timelines, and budgets, and ensuring that work is delivered on time and within budget.
- Collaborating with other departments, such as product management and QA, to ensure that software development aligns with overall business goals and objectives.
- Mentoring junior developers and sharing knowledge and best practices to help them grow and develop their skills.

## Data Glacier

### Data Science Intern

February 2023 - April 2023 (3 months)

United Kingdom

During my internship at Data Glacier, I worked on data science projects using a variety of tools and technologies:

- Version control (Git/GitHub) to manage code and collaborate with team members
- Kanban board to visualize workflow and prioritize tasks
- Agile (Scrum) methodology for efficient project management
- Flask/Django to build scalable web applications
- PyCharm/VS Code as primary IDEs for coding and debugging
- APIs to integrate data sources into pipelines
- Streamlit for building interactive web apps
- Python as primary programming language for data analysis and modeling
- Feature engineering techniques to extract meaningful insights from data
- Model interpretation techniques to explain machine learning models
- Model governance practices to ensure ethical, fair, and reliable models
- Stakeholder communication skills to present findings and recommendations

## adplist.org

### Web Development Mentor

March 2022 - April 2023 (1 year 2 months)

Remote

Guide and instruct junior web developers on industry best practices, coding standards and techniques.

Review code and provide constructive feedback to help improve skills and knowledge.

Assess strengths and weaknesses of mentees and create personalized development plans.

Answer questions and provide clarification on complex coding concepts and projects.

Share real-world experiences and lessons learned from past projects.

Provide resources, tools, and support for mentees to help them succeed in their role.

Stay up-to-date with industry trends and technologies and share this information with mentees.

Encourage and motivate mentees to continuously learn and grow in their careers.

Facilitate communication and collaboration among mentees and the development team.

Foster a positive and supportive learning environment for mentees.

opportunityM

Web Developer

January 2023 - March 2023 (3 months)

England, United Kingdom

- Assisting in the design, development, and maintenance of websites and web applications.

- Collaborating with team members to develop and implement new features and functionality for existing websites and web applications.

- Writing and testing code for web applications and websites, and troubleshooting any issues that may arise.

- Conducting research on emerging web development technologies, and making recommendations for improvements to existing websites or web applications.
- Providing support to end-users for technical issues related to web applications or websites.
- Documenting code and project progress to ensure accurate and timely reporting to the development team and project managers.
- Participating in team meetings and brainstorming sessions to contribute ideas and provide feedback on projects.
- Learning new coding languages, platforms, and technologies, and applying them to real-world web development projects.
- Collaborating with other departments, such as marketing and design, to ensure that web development projects align with the overall organizational goals and objectives.
- Performing other duties as assigned by the supervisor or manager.

## Novustack

### Product Management Fellow

July 2021 - August 2022 (1 year 2 months)

Nigeria

Developed the Project scope, Product Requirement Document and API prototype for AI process models for Gauss ML; a Stuttgart based AI startup. Collaborated with a team of five to apply design thinking principles in building the API framework to Optimize machine production efficiently

## IKELEX TECHNOLOGY

### Lead Web Developer

January 2020 - March 2022 (2 years 3 months)

Port Harcourt, Rivers, Nigeria

- Solely responsible for the development of Internet sites and Intranet/Extranet Applications. Duties included website design, programming, and optimization for search engine placement. Gained high ranking for many competitive keyword phrases.



- Integration of various API's such as Email API, Payment Gateway API, Social Media platform API, SMS API, Google Maps API, and many more.
- Developed and managed various backend services using languages such as PHP, Python, AJAX, and SQL.

### Tony maria international academy

3 years 11 months

Database administrator and programming tutor

January 2017 - November 2020 (3 years 11 months)

Port harcourt

ICT studies tutor

January 2017 - January 2018 (1 year 1 month)

Port Harcourt

### WasteCoin Nigeria

Backend Developer

March 2020 - September 2020 (7 months)

- Developing front end website architecture.
- Designing user interactions on web pages.
- Developing back end website applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.

### Macodev Nigeria

Junior Web Developer

September 2019 - September 2020 (1 year 1 month)

Nigeria, Abuja

- Developing secure and efficient solutions to real world problems, using various frameworks and languages, such as: MySQL, React, React Native, Django, JQuery, and REST API.
- Develop efficient and reliable API data source and integrating ore API services in client products.

### National Youth Service Corps

NYSC Trainee

April 2016 - May 2017 (1 year 2 months)

Bayelsa

### Nestoil Limited

IT Support Intern

May 2013 - October 2013 (6 months)

Port-Harcourt

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## Education

University of Bradford

Masters of Applied Artificial intelligence and Data Analytics , Artificial Intelligence · (October 2021 - September 2022)

Rivers State University of Science and Technology

Masters degree, Computer Science · (2018 - 2020)

Renaissance University

Bsc, Computer Science · (2011 - 2015)