

Onyeka Nwokike

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nwokike.github.io/portfolio · github.com/Nwokike

Professional Summary

Agricultural and Bioresources Engineer and Software Developer with expertise in front-end web development, environmental engineering, and seed policy coordination. Proficient in Python, SQL, HTML5, CSS3, and SEO, delivering innovative solutions for Nigeria's agricultural and tech sectors. Passionate about sustainable agriculture and scalable digital platforms.

Professional Experience

National Agricultural Seeds Council, Sheda, Kwali, FCT — NYSC Intern, Seed Coordination Department

January 2025 – Present

- Streamlined seed production processes, reducing distribution delays by 15% while enforcing Nigeria's quality standards.
- Operated machinery in the engineering section to process farm products (e.g., beans, cowpeas), removing soil and shells to prepare packaged products.
- Collaborated on nationwide initiatives to promote sustainable farming practices and seed quality standards.

GreenEarth Environmental Consult, Enugu — SIWES Intern, Environmental Engineering

January 2022 – June 2022

- Conducted field sampling for 5+ Environmental Impact Assessments (EIAs), enabling regulatory approval for sustainable projects.
- Developed 3 Environmental Management Plans (EMPs), ensuring 100% compliance with environmental regulations.
- Presented risk mitigation strategies to stakeholders, securing approval for 2 major infrastructure projects.

Self-Employed — Web Developer & SEO Specialist

March 2020 – Present

- Built 10+ responsive websites for Nigerian and global clients, improving user engagement by 30% through clean code.
- Boosted client website traffic by 50–200% using SEO strategies and technical optimizations.
- Delivered Barroti Apartments website, increasing lead generation by 25% through enhanced brand visibility.

Igbo Archives — Founder, Chief Author & Blogger

March 2024 – Present

- Founded platform and led technical development, achieving 5,000+ monthly organic visitors through SEO.
- Authored 20+ articles on Igbo culture, driving 40% audience engagement growth via social shares and comments.
- Conducted in-depth research to ensure cultural authenticity, elevating Nigeria's cultural narrative online.

Freelance Research & Project Writer

2017 – Present

- Mentored 15+ university students in crafting high-quality final-year projects, achieving 90%+ academic approval rates.
- Produced 30+ research-driven documents across disciplines, enhancing client educational outcomes.

Technical & Digital Experience

- Developed responsive websites and SEO strategies for Nigerian and international clients.
- **Proficiencies:** HTML5, CSS3, Tailwind CSS, JavaScript, Python, SQL, WordPress, SEO Optimization.
- **Portfolio:** nwokike.github.io/portfolio

Skills

Core Engineering & Agricultural

- Seed Policy Development
- Environmental Impact Assessment
- Environmental Management Plans
- Sustainable Agriculture

Technical & Digital

- Python, SQL, HTML5, CSS3
- Tailwind CSS, JavaScript
- WordPress, Responsive Design
- SEO, Technical Documentation

Soft Skills: Communication, Analytical Thinking, Team Collaboration, Research

Education

University of Nigeria, Nsukka

B.Eng in Agricultural and Bioresources Engineering, 2017 – 2023

- Second Class Lower Division (CGPA: 3.00/5.00)
- Relevant Coursework: Sustainable Agriculture, Environmental Engineering, Bioresources Management

Power Learn Project (PLP Africa)

Software Engineering Program, 2025 – Present

- Specializing in AI for Software Engineering

Federal Science and Technical College, Awka

NABTEB Certificate in Electrical Installation and Maintenance Work, 2014 – 2017

- Trade Test I, II, and III

Certifications

- B.Eng Certificate (University of Nigeria, Nsukka)
- PCAP: Programming Essentials in Python (Cisco Networking Academy & OpenEDG, July 2019)
- ASABE Membership
- The FA Equality and Diversity Certificate
- Trade Test I, II, III (Electrical Installation and Maintenance)