

# CHIBUIKE TIMOTHY MADUABUCHI

**Address:** No 12 Onyeze Street, Ugbene Enugu State

**Email:** [chibuike.maduabuchi.timothy@gmail.com](mailto:chibuike.maduabuchi.timothy@gmail.com)

**LinkedIn:** [www.linkedin.com/in/chibuike-maduabuchi/](https://www.linkedin.com/in/chibuike-maduabuchi/)

**Phone:** +234-7083369340

**Github:** <https://github.com/Chibuike-web>

## RESEARCH INTERESTS

Human Computer Interaction, Human-Centered Computing, Applied Artificial Intelligence, Natural language Interfaces, Intelligent Systems, Accessibility & Assistive Technologies, Health Informatics, Personal Informatics.

## EDUCATION

2018 - 2024

**University Of Nigeria, Nsukka**

**Bachelor of Engineering in Civil Engineering** – First Class Honours

(CGPA: 4.56/5.0) | Scholaro GPA: 3.78/4.0 | Top 10%

**Thesis:** Performance Evaluation of Expansive Soil enhanced with Calcined Marl, Magnesium Oxide and Guar Gum

**Supervisor:** Assoc. Prof. Ikeagwuani Chijioke C.

### Relevant Coursework:

- Engineering Computer Programming.
- Statistics for Physical Sciences and Engineering.
- Computational Methods.
- Engineering Analysis.
- Elementary Mathematics I–III (Calculus and Linear Algebra).
- Advanced Mathematics VI–VIII (Differential Equations, Vector Analysis, Numerical Methods.

## RESEARCH EXPERIENCE

Dec. 2024 - Present

**Independent Researcher, Self-Directed Projects**

- Investigating blockchain-powered Electronic Health Record (EHR) systems to give patients granular control over data sharing, especially across jurisdictions.

Chibuike Maduabuchi

- Designing an AI-powered EHR that reads patient data from multiple formats and facilitates secure, patient-authorized record transfer between hospitals.
- Designing a job application tracker tailored to autistic and neurodivergent users, focused on reducing cognitive overload and improving collaboration with mentors.
- Developing a browser extension that uses AI to parse web pages and dynamically add semantic HTML to improve accessibility for screen reader users.

Oct. 2023 - 2024

**Research assistant**, Soil Mechanics Lab, Civil Engineering, University of Nigeria Nsukka.

- Assisted with geotechnical experiments, optimized mix designs using the Taguchi method.
- Created empirical models and visualizations to support academic analysis.

June - Aug. 2023

**Research Intern**, Soil Mechanics Lab, Ministry of Works, Enugu, Enugu State

- Performed laboratory testing and analysis of construction materials for road projects.
- Wrote formal technical reports for state-level infrastructure assessments.

## PROFESSIONAL EXPERIENCE

Jan. 2023 - Present

**Brand Designer**, Prestdesk Technologies Limited

- Revamped and maintained visual identity including logo systems and design guidelines.
- Designed visually appealing ads for online platforms, social media, print publications, and other advertising channels.

Jan. 2024 – May 2025

**Product Designer, Kulipal Mega Global**

- Conducted user research and usability testing, garnering invaluable insights into user behaviour and pain points.
- Led the conceptualization and design of a comprehensive service feature within our mobile app, prioritizing an intuitive user interface and delivering a seamless user experience.
- Designed the mobile responsiveness of our web app across various services, ensuring optimal user experience across different devices.

**VOLUNTEER EXPERIENCE**

Sept. 2022 – May 2025

**Graphic Designer, Boys Champions**

- Designed print and digital marketing materials and social media graphics for various campaigns, ensuring visual consistency and brand alignment.
- Conducted market research to inform design decisions, utilizing various research methodologies to understand audience preferences and trends.

**AWARDS**

June. 2022

MTN Science and Technology Scholarship (STS) [\(Link\)](#)

June 2018

Best Graduating Student of Spring Of Life International Secondary Schools Award of Excellence - 2017/2018 set [\(Link\)](#)

July 2018

Mathematical Association of Nigeria (MAN) Certificate of Merit [\(Link\)](#)

**CERTIFICATIONS/COURSES**

Dec. 2024

Checklearn Batch (Experienced) [\(Link\)](#)

Sept. 2024

JavaScript Essentials 2 (JSE) by Cisco [\(Link\)](#)

Aug. 2024

Python Essentials 1 by Cisco/OpenEDG [\(Link\)](#)

Mar. 2023

JavaScript Essentials 1 (JSE) by Cisco/OpenEDG [\(Link\)](#)

## SKILLS AND COMPETENCIES

Programming Languages	JavaScript/TypeScript, Python
Web Technologies	HTML, CSS/SCSS, Tailwind CSS
Frameworks/Libraries	React, Next JS, Node JS, Express JS
Technical Software/Tools	Adobe Creative Cloud, Figma, Framer, Webflow, VS Code
Other Tools	Git, Notion, Microsoft Office

## LANGUAGES

**English & Igbo** (Spoken and Written)

## REFEREES

### **Chijioke Christopher Ikeagwuani**

*Associate Professor of Civil Engineering*

Head, Department of Civil Engineering

Faculty of Engineering

University of Nigeria Nsukka.

410001, Nsukka, Enugu, Nigeria

**Email:** [chijioke.ikeagwuani@unn.edu.ng](mailto:chijioke.ikeagwuani@unn.edu.ng)

**Telephone:** +234 703 652 7888

### **Oseyemi Precious Ayegbusi**

*Product Manager*

Kulipa Mega Global

3, Segun Gbeelee Street, Lagos, Nigeria

**Email:** [poseyemi@kulipal.com](mailto:poseyemi@kulipal.com)

**Telephone:** +234 7030678400

### **Faturoti Kayode**

*Co-Founder*

Prestdesk Technologies Limited

B21, Ocean Bay Estate, Lagos, Nigeria

**Email:** [ok@prestmit.com](mailto:ok@prestmit.com)

**Telephone:** +234 913 363 6659