

INYANG, IBEREDEM UDO

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Portforlio link: [kasuwa \(engentech.pythonanywhere.com\)](https://kasuwa.engentech.pythonanywhere.com)

LinkedIn: [Iberedem Inyang | LinkedIn](#)

Virtual Control Link [ICT code base]: [EnGentech \(Engr. Gentle Inyang\) \(github.com\)](#)

HIGHLIGHTS/COMPETENCIES

Processing Full Stack Software engineering [front and back-end developer], Assembling user desired Computer Systems, maintenance and consultation, risk management and control, procurement and governance.

GENERAL SKILLS AND INTEREST

- Software development (**coding**: [specialized in backend technologies])
- Server and database administrator
- System configuration and analysis
- Good computer typing skills of about 60 words per minutes (WPM).
- Good internet skills as well as networking
- Good oral communication skill as well as written English.
- Socialization and polite competency
- Knowledgeable in health, Safety and Environment
- Creative, analytical, exude self-confidence, poise and result oriented
- Majorly interested in technology, AI, design and programming

PROFESSIONAL EXPERIENCE

Heritage Polytechnic, Eket, Nigeria

2021 till date

Job Description: **Lecturing and Assistant Web Master**

Responsibilities

- ❖ Update school server and publish students result
- ❖ Manage school database by performing CRUD operations
- ❖ Joined the Web Master to build and maintain backend code using python and ES6
- ❖ I took care of the script for user authentication.
- ❖ Lecturing in areas concerning computer and mathematics
- ❖ Guide students to build programming projects
- ❖ Guide and direct students on web development and deployment
- ❖ Seminar and project supervision
- ❖ General orientation to enhance academic success
- ❖ Invigilating exams and writing report to appropriate authority

Heritage Polytechnic, Eket, Nigeria

2019 - 2021

Job Description: **Technologist**

Responsibilities

- ❖ Guide students on system repairs and maintenance
- ❖ Carry out routine checks on office systems and ensure adequate update and upgrade of system hardware and software components
- ❖ Carry out daily checks in offices and laboratory to ensure proper system shut down and isolating devices from mains where necessary
- ❖ Carry out networking on systems to ensure proper data communication between connected systems
- ❖ Guide students in writing comprehensive codes to perform user desired computational task
- ❖ Compute result base on student's practical performance and forward same to the course lecturer for further scrutiny
- ❖ Guide students to assemble and clone system in respect to user desired specifications
- ❖ Guide students on system installation (hardware and software) and configurations
- ❖ Guide students to embrace today's technology especially virtual control systems in the likes of github
- ❖ Guide students to be creative in thinking, poised and versatile by giving research topics and elaborating the findings.

Federal College of Education (Technical)

2018 - 2019

Umunze, Anambra State, Nigeria

Job Description: **Lecturing**

Responsibilities

- ❖ Lecturing in areas concerning computer and mathematics
- ❖ Guide students to build basic programming projects
- ❖ Maintain and update departmental systems and projecting devices
- ❖ Served as a presenter at every seminar and project defense handled within the faculty of science
- ❖ Served as an assistant Database administrator to create, update and maintain students' vital information in the ICT department

Multishield Limited

2015

Ikorodu, Lagos, Nigeria

Job Description: **Assistant ICT Engineer**

Responsibilities

- ❖ Regular system maintenance and upgrade when due
- ❖ Networking assistant administrator
- ❖ Installing newly procured systems, configure the said system and add same to the existing computer networks of the firm
- ❖ Routine computing environmental checks
- ❖ Data-base review and data updating

- ❖ Safety sensitization/supervision in computing environments
- ❖ Cloning of systems suitable for the establishment
- ❖ Assembling and disassembling of computer systems

DAILY SOFTWARE ENGAGEMENTS

Programming Languages {Python, ES6, C-language, SQL, HTML, CSS, Bash, JQuery}

Frame-works {Django, Flask}

Office programs {Word processing, Spreadsheet(excel), Power-point, Access}

CAD programs {Auto-CAD, Corel-draw}

Virtual Control {Git/Github [[EnGentech \(Engr. Gentle Inyang\) \(github.com\)](#)]}

Cloud computing {google applications, draw.io, github, intranet, cloud storage services etc}

Operating System {Linux, Windows, Android}

PROJECT ENGAGEMENTS WITH LINKS

- ✓ Design and implementation of an institutional webservice with chartroom services name LESSONPEDIA [Ongoing Portfolio Project]: [Gibexz/Portfolio-Project-EasyLearn \(github.com\)](#)
- ✓ Design and implementation of an e-commerce webservice named KASUWA: [EnGentech/Kasuwa-Service at EnGentech \(github.com\)](#)
- ✓ Collaborated with the web master to build HeritagePolytechnic portal: [Heritagepoly | ePortal](#)
- ✓ Design and implementation of a mock e_laundry Web application: [EnGentech/e-laundry application: My first web application test case \(github.com\)](#)
- ✓ Shell, navigation, emacs, vi, git, professional technologies, vagrant: [EnGentech/alx-system engineering-devops: the beggining of ALX devops programs \(github.com\)](#)
- ✓ C-language [printf project, simple shell project and others]: [EnGentech/alx-low level programming: Programming in C language begins \(github.com\)](#)
- ✓ Python-language [python basics, class and objects, test-driven development, Airbnb clone:{console, web-static, mysql, deploy static}, rest api, python-Network]: [EnGentech/alx-higher level programming: high level programming using python language \(github.com\)](#) and [EnGentech/AirBnB clone v2: The phase of deployment \(github.com\)](#)
- ✓ MySQLdb [create, query, populate, join, drop, bash automation and more]: [EnGentech/alx-higher level programming: high level programming using python language \(github.com\)](#)
- ✓ DevOps: [working with bash scripts, creating automations, server-configuration {nginx for web server and haproxy for load balancer}, linux command scripts and aliases]: [EnGentech/alx-system engineering-devops: the beggining of ALX devops programs \(github.com\)](#)
- ✓ Video Content publications: [\(3\) EnGen Technology - YouTube](#)

ARTICLES

1. Title: What happens when you enter <http://www.google.com> and press enter

Link to resource: [What happens when you type google.com in your browser and press Enter | by Iberedem Inyang | Jul, 2023 | Medium](#)

ACADEMIC CERTIFICATES

National Youth Service Corp (NYSC)	- 2019
Bachelor of Engineering (Second Class Honor [Upper Division]) in Computer Engineering - 2019	
West African Examination Council	- 2012
Testimonial	- 2002

PROFESSIONAL CERTIFICATES

ALX Software Engineering Africa powered by Holberton University	- due by Jan 2024.
Health and Safety (HSE level 1, 2 and 3)	- 2020
Environment Impact Assessment [Department of Petroleum Resources]	- 2020
Basic First AID/CPR	- 2020
Diploma in Computer Information Technology	- 2010

DISSERTATIONS/SCHOOL PROJECTS

- ✓ Currently working on a web application for Heritage Intuition title: "Question Bank" with possible solutions
- ✓ Assembling and Networking newly imported systems in Heritage Polytechnic Laboratories and managerial offices for practical and managerial utilization respectively (2021).
- ✓ Design and implementation of Windows Application software to calculate student's GPA/CGPA result titled [Digital Polytechnic Grade Corollary (DIPOGO)]. A case study of Heritage Polytechnic students. (Project – 2018), Using Visual Basic.net programming language and Microsoft Access software for its database.
- ✓ Application of Artificial Intelligence (AI) computer system in medical sector. [Robotics as surgical assistance in medical sector]. A case study of Da-vinci surgical Robot. (Seminar – 2017)

PROFILE

Confident, Organized, Hardworking, God fearing and tolerant with excellent communication flow perception and effectiveness in a stable organization.

HOBBIES

[Reading, Computer Research, Technological Experiment]

REFEREES

Available on request