Elvis Njoku

Date of birth: 26/05/1993 | **Nationality:** Nigerian (Nigeria) | **Gender:** Male |

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5b, Mutairu Onigbanjo street, Ikate, 101283, Surulere, Nigeria

About me:
A software engineer and Business solution analyst adept in all stages of web development and process automation. Knowledgeable in the user interface, testing, and debugging processes. Bringing forth expertise in design, installation, and maintenance of web systems and automation projects. Equipped with a diverse and promising skill set. Proficient in an assortment of technologies. Able to effectively self-manage during independent projects, as well as collaborate in a team setting, highly dependable, and dedicated to writing quality code.
Experienced professional with demonstrated record of success in project management and campaign development. Strong communicator with natural leadership talent and high energy. Successful at overseeing all stages of initiatives, building positive relationships and promoting products with innovative and forward-thinking approaches. Well-versed in tracking market trends and capitalizing on opportunities. Passionate about understanding brand strategies and defining unique selling propositions to drive consistent messaging and market differentiation.

WORK EXPERIENCE

08/06/2022 – CURRENT – Enugu, Nigeria
SOFTWARE/NETWORK ENGINEER – V-TECH ICT LTD

Currently working as a full-stack software and network engineer.
- Working with a team of software engineers, I am currently tasked with building the endpoint APIs for all the back-end applications. These endpoints are being built with Node.Js and Next.js frameworks.
- I am also working as a front-end engineer, working with React.js, Bootstrap, Tailwind CSS, Material UI, HTML5, and other front-end libraries to consume the endpoints APIs built. I was actively involved in the thought process and built UI components for these applications.
- I am solely responsible for the maintenance and continuous integration and continuous deployment of all the software applications we have built.
- I am also solely responsible for debugging and fixing real-time errors in all the applications we built.
- I have built and integrated new features and alert systems in all the applications and am skilled at database administration, skilled with handling all client data and deploying them using efficient cloud technologies.
- Integration of various external packages and dependencies and payment platforms into clients' applications.
- Maintaining network engineering performance and ensuring system reliability and availability.
- Configuring and installing various network devices and services, while running upgrades and maintenance.
- I liaised with vendors and other IT personnel for problem resolution.
- I am also part of the digital marketing team, responsible for driving traffic in these applications.
- I contributed to the growth of the company by contributing to the training of junior interns and external firms on web technologies.

Business or Sector Financial and insurance activities | **Department** Software development |

Address 45 Chime Ave, opp. First Bank, New Haven , , 400213, Enugu, Nigeria |

Website https://vtechservicesng.com/

19/06/2021 – CURRENT – Owerri, Nigeria
SOFTWARE/NETWORK ENGINEER (TEAM LEAD) – IMO STATE MINISTRY OF FINANCE

Currently working with the IMO state government of Nigeria as a full-stack developer and network engineer.

- My main assignment amongst others has been leading and collaborating with a team of skilled and well-experienced developers to create and consume APIs, create numerous highly functional and user-friendly interfaces, to allow various users, with different roles, to carry out various operations toward achieving their various aims and objectives on an efficient E-tax payment platform, and a host of other software applications, thereby ensuring an increase in the state's internal revenue. These applications are been developed using React (JavaScript), Tailwind.css, Material UI, Bootstrap, HTML5, and other libraries for the front end and Laravel (PHP) and Node.js as the back end.
- I integrated major Central bank-mandated features into the apps. These features were E-naira, SME banking, and hardware tokens.
- I onboarded new taxpayers and corporate bodies, and integrated APIs that contained their sensitive data from existing platforms.
- I built an alert system for new updates and features added to the software apps, which increased taxpayers' awareness and utilization of these features.
- I diagnosed fixed bugs, and resolved performance bottlenecks throughout the projects.
- I improved real-time error monitoring and timely bug fixes using Circle CI for continuous integration and deployment.
- Maintaining network engineering performance and ensuring system reliability and availability.
- Performing security and penetration checks to determine the confidentiality, integrity, and availability of our systems.
- Configuring and installing various network devices and services, while running upgrades and maintenance.
- I liaised with vendors and other IT personnel for problem resolution.
- I also organized Scrum meetings and daily stand-ups to ascertain and evaluate task progress.
- Design, development, implementation, and operation of control processes, optimizing assets across life cycles.
- As an HSE-certified professional, I was also helpful in controlling and maintaining safety in the technical areas.
- Find below a list of roles and functionalities that can be carried out on the platform (https://admin.occe.ng/) and (https://staging.occe.ng)

Business or Sector Financial and insurance activities ⏐ **Department** Software development ⏐

Address Library Bus Stop, Okigwe Rd, Owerri, 460241, Owerri, Nigeria ⏐

Website https://imostate.gov.ng/

09/01/2021 – CURRENT – Owerri, Nigeria
LABORATORY RESEARCH ASSISTANT – FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI

- I built on the prior research experience I gathered as a student research and lab assistant, after leading my final year project group to build and install a solar inverter for the engineering faculty.
- Working with a team of senior researchers in the field of Engineering.
- Contributed actively in the areas of signal processing, developing small digital signal processing systems, a functional cognitive radio, and a strong network monitoring and sensor system applying my knowledge of machine learning in its applications, as is evident in one of my published works.
- Also contributed in the areas of integrated circuits, building analog/mixed circuits, antennas, wireless transceivers, circuits for communication, low-power sensor interfaces, machine learning and AI, communication networks, RF and microwaves, and manipulated radio frequencies.
- Became an active member of the Electrical Engineering unit of the Federal University of Technology, Owerri.

Business or Sector Education ⏐ **Department** Electrical and Electronics department, FUTO ⏐

Address Km 20 Port Harcourt road,, 5664, Owerri, Nigeria ⏐ **Website** www.futo.edu.ng

13/11/2019 – 19/05/2021 – Enugu, Nigeria
JUNIOR SOFTWARE TEAM LEAD – LLOYDANT BUSINESS SERVICES LTD

Worked with Lloydant Business Services as a backend developer, and my assignment, along with a software team of experienced developers, was:

- To create and consume APIs that were used in the fully responsive virtual school portal web apps of different higher institutions.
- I migrated the platforms from ASP.NET MVC to web APIs. (https://www.elearnng.com/)
- Also participated and contributed to client meetings for the requirements, gathering, and scoping of the projects.
- In the school portals, students were able to perform all academic activities on the portal. These activities include payment of school fees and course registration fees, registration of school courses and payment of departmental dues, payment of transcript fees, and processing, amongst other things. The needs of lecturers/higher school staff were also integrated into the portals as they were able to do other activities like online teaching, and monitoring of fees paid, amongst other activities.
- During the COVID-19 lockdown, I was able to develop an E-learning platform that made sure classes and exams in the schools were still conducted even though students and lecturers were unable to come to classes. All these were done by a combination of web technologies like C#, React.js, Gatsby.Js, React native, Material UI, and others.
- I supported my team lead in deploying our various applications to the cloud.
- I contributed actively to other projects to meet client deadlines.
- I was also part of the hardware team that installed and connected different area networks for these universities and also helped with daily IT support to these universities (Abia state university, Nnamdi Azikiwe University, Abia State Polytechnic, Federal Polytechnic Ado-Ekiti, Federal Polytechnic, Nekede, and College of Health, Aba).

Business or Sector Education ｜ **Department** Software development ｜

Address 26b chukwuka Utazi street Liberty Estate, Independence Layout , 400001, Enugu, Nigeria ｜

Website https://www.lloydant.com/

29/10/2019 – 27/11/2020 – Lagos, Nigeria
ROBOTICS AND AI TRAINING INTERN (PART-TIME) – ROBOTICS CENTER LTD, LEKKI

- I leveraged capabilities in artificial intelligence, software engineering, machine, and deep learning, and data science to enrich product solutions and development across different business areas, including robotics.
- I analyzed and translated project requirements into functional requirement specifications and technical designs, including web and mobile applications, databases, APIs, cloud, middleware, network, and microservices.
- I collaborated with non-technical and technical stakeholders to translate business problems into well-defined solutions with quality and scalability.
- I learned to manage the product lifecycle, cutting across platform interface, software development, and AI/Data capacity development/embedding. solutions architecture, and technology infrastructure.
- I developed integrated project plans, work breakdown structures, and timelines with the guidance of my team lead.
- I contributed actively to ongoing processes and methodology improvements.
- I developed a genuine and strong passion for solution development and nation-building through inclusive learning.
- Ventured into advanced cybersecurity, confidentiality, integrity, availability, running penetration tests, and optimizing cryptography in cybersecurity.
- I also dived into the world of social engineering, preventing cyberattacks, learning the different cyberattack models, and developing a knack for critical thinking in cybersecurity.

Business or Sector Manufacturing ｜ **Department** AI/Robotics team ｜ **Website** roboticscenterhq.com

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07/05/2017 – 28/10/2019 – Enugu, Nigeria
JUNIOR SOFTWARE ENGINEER/DIRECTOR OF TRAINING – DIGITAL DREAMS ICT SOLUTIONS LTD

- Lectured on Web design and development.
- Organized extra classes on AutoCAD, Python, and Graphics design.
- Worked on several web projects with the company.
- Provided daily IT support/Training for users.
- Worked on troubleshooting, configuring, upgrading, repairing, and replacing system components.
- Deployment of various instances of the completed app solutions on DigitalOcean, AWS, and Heroku.

- Along with the other members of the software team, I was charged with the building, deployment, and maintenance of several web projects for our clients. A combination of different software technologies like PHP, React, and React, were used to build scalable and efficient websites and applications to suit their various needs.
- I was also head of the Network/hardware team, tasked with the provision of internal and external network support to different clients based on their needs, and also contributed to other projects to meet client deadlines.
- As the director of training, part of my responsibility was impacting knowledge into young tech enthusiasts. Because of my thorough understanding and experience in the field of software engineering, I was able to train successful software engineers.

Business or Sector Other service activities |

Address 1A Chime Ave, beside Otigba Junction, New Haven, 400102, Enugu, Nigeria |

Website https://www.digitaldreamsng.com/

12/04/2016 – 27/11/2016 – Enugu, Nigeria
INTERN, SOFTWARE/NETWORK SYSTEMS – DIGITAL DREAMS ICT SOLUTIONS LTD

- Learned valuable computer skills in various development programs of web design and development.
- Learned and honed my skills in other programming software like AutoCAD, MATLAB, graphics design, and Python.
- Worked on several web projects with the company
- Provided daily IT support/Training for users.
- Gained experience troubleshooting, configuring, upgrading, and replacing system components.
- Developed a knack for software technologies and computer-aided designs during my industrial training that lasted for about six months. During that time, I learned a lot about software technologies and hardware technologies.

Business or Sector Other service activities |

Address 1A Chime Ave, beside Otigba Junction, New Haven, 400102, e, Nigeria |

Website https://www.digitaldreamsng.com/

LANGUAGE SKILLS

Mother tongue(s): **IGBO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

CISCO networking │ Microsoft Office │ Project Management Professional │ Health and Safety Qualified │ Digital Strategy and Planning │ • Risk Management and Analysis │ GIS (Global information system) │ Relational and Non-relational databases │ Machine LearningAI │ AI │ Robotics │ Cybersecurity │ - Content creation │ Web-based design and system development │ Emerging technologies │ Network Monitoring and Analysis │ Integrated Circuits │ SIGNAL PROCESSING │ Python

VOLUNTEERING

17/01/2018 – 28/11/2019
Tutorial Coordinator

Federal University of Technology, Owerri
- I was responsible for organizing tutorial classes, and transferring knowledge to those who were struggling with their accademics.

04/04/2019 – 16/05/2019
Presiding Officer

Oji River, Enugu, \indepent National Electoral Commission, Nigeria
- I served my country in the best way possible, helping to select a competent leader through election.

22/01/2019 – 16/11/2019
President, Charity and Gender Community Development

New Haven, Enugu
- Few volunteering organizations were formed back then in the state, but I took it upon myself to form this organization to fight for the rights of all genders and the less privileged, seeking support from well-meaning members of the public.

MANAGEMENT AND LEADERSHIP SKILLS

Team Leader, Undergraduate Project team,

- I spearheaded a team of Electrical Engineering undergraduates to construct and installed a solar inverter for the engineering complex of my school, Federal University of Technology, Owerri.

President, Department of Electrical and Electronics Engineering

- As the President of the department, I kept striving to make a change, balancing the needs of the students and the heads of the department, making the positive change I was meant to.

President, Enugu Youth Corps Members Association

- As an outstanding Youth Corps Member, I led the other members for a year, impacting positively in the way things were done in the state for one year.

Level Leader, Anglican Fellowship (ASF)

- I headed the religious arm of my church in my higher institution, making sure there was morality in the way we behaved.

Captain, Futo soccer team

- Because of my love for sports and ability in the field, I led the school soccer team for two years as an outstanding sportsman.

Alumni-Ambassador to Students

- I was the liaison between the students and the Alumni arm of the university, relating the needs and wants between the two parties.

● EDUCATION AND TRAINING

18/09/2011 – 12/07/2017 – Owerri, Nigeria
BACHELOR OF ENGINEERING – Federal University of Technology, Owerri

Address Ihiagwa, Owerri-West, Nigeria, Owerri, Nigeria │ **Website** www.futo.edu.ng │

Field of study Electrical and Electronics Engineering │

Final grade Second Class Honours (Upper Division)

HOBBIES AND INTERESTS

Good interpersonal communication skills.

Ability to work productively independently or as part of a team.

Playing games and travelling

Ability to analyze logically with respect to the subject matter and learn quickly

Understanding the directive of the task at hand

Self-motivator, inventive, imaginative, and innovative.

Able and willing to learn.

Reading, Learning, and brainstorming ideas.

HONOURS AND AWARDS

07/01/2018
Best Dissertation work – Federal University of Technology, Owerri

13/07/2013
MTN Foundation Scholarship – MTN-NG

06/05/2016
EEE departmental Scholarship – Federal University of Technology, Owerri

09/04/2013
Agbami Scholarship Award – Chevron Nigeria Ltd

PUBLICATIONS

A Multi-Input Power System deployment for Enhanced Rice Production

Nosiri O. C., Oyibo U. M., NJOKU E. O., Ekechukwu E. E. (2022)
https://dx.doi.org/10.22161/ijaers.97.27 – 2022

BER Performance Evaluation Using Deep Learning Algorithm for Joint Source Channel Coding in Wireless Networks

Nosiri O. C, Umanah C. F, Okechukwu O. O, Ajayi E. O, Akwiwu-Uzoma C., NJOKU E. O., Gbenga C. (2022
https://dx.doi.org/10.25046/aj070417 – 2022

To learn and work in a challenging professional environment, educationally or otherwise, among dynamic team members to contribute to the overall progress of the firm while improving on my core skills and abilities.