

Proven Skills

- **Frameworks:** Express.js, Nextjs, Apollo, GraphQL, Nestjs, Hardhat, Truffle Framework, Spring Boot.
- **Libraries/APIs:** React, Mongoose, Sequelize, Web3, REST, Swagger, Restify.
- **Platforms:** Heroku, Nginx, Infura, Firebase, Linux, DigitalOcean, AWS Ec2, GCP, GitHub, iExec.
- **Storage:** MongoDB (NoSQL), Oracle, Redis, RabbitMq, Postgres, MySQL, Kafka, Cloudinary, AWS S3.
- **Languages:** JavaScript, Typescript, ES6, Solidity, HTML5, CSS3, Flexbox, SASS, Java.
- **Paradigms:** REST, Hypermedia, C4 Model, Test-driven Development (TDD), Functional Programming.
- **Tools:** Git, Docker, Design Patterns, PM2, Scrum, Trello, Project Management, Jira, Sprint, Continuous Integration, Continuous Deployment (CI/CD), CircleCi.
- **Others:** Ethereum Smart Contracts, Cloudflare, AWS, IPFS, WebSockets, RESTful Services.
- **Studying:** Rust

Professional Experience

Dymaxion OÜ, Estonia

February 2022 – Present

Senior Software Engineer

- Designed and deployed smart contracts for digital certification called E-Cert, increasing trust in digital certification by 95%. Built with Solidity, Nodejs, Truffle, Metamask, Web3, etc
- Co-designed and implemented a Multi-Factor Self-Sovereign Identity Authentication Protocol -MFSSIA Publication link - <https://ieeexplore.ieee.org/abstract/document/9881853>). Achieved 90% accuracy in identity verification. Built with Nodejs, Nestjs, iExec decentralize oracle, solidity, polygon, DKG, react, etc
- Built Logistics Blockchain Digital Twin to reduce the problem of fake product identification, verification of authentic products, and tracking product ownership by 70%. (Link: <https://logistics-bdt.com>) Built with Python, Robonomics blockchain, Polkadot, web3.js, IPFS

CareerFoundry GmbH, Berlin, Germany

February 2021 - Present

Full-Stack Immersion Bootcamp Mentor

- Assisted 10+ Careerfoundry students achieve their long-term career goals by providing invaluable insights into working in the field and ensuring alignment between curriculum projects and career goals.
- Improved student performance by 80% via pair programming sessions and connected programming to real-life situations.
- Increased student job placement rate by 75% by providing career coaching and job search support
- Improved student satisfaction rate by 90% through personalized mentoring and guidance

Jexta Limited, Ikeja, Lagos State

January 2020 - March 2021

Senior Software Engineer

- Successfully worked and refactored product, and user microservice architecture backend using GraphQL, Apollo Federation, Node, Express, MongoDB, Postgres, and reaction commerce.
- Implemented a faceted search query with Elasticsearch that guarantees the product is searched and ordered by relevancy, cutting down on product query time by 70%.
- Helped in optimizing the roles and permissions management on user management services and made the result query 2x faster.
- Proposed the best approach for algorithm on how to achieve the operation around finding the best-selling products, trending products, and recommended product features without leveraging any machine learning tool. This reduced costs by 40%.

Lead Backend Developer

- Proposed and developed a Monorepo codebase using the Lerna tool for the development of the Provoice application, aiding the scrum master in centralized code review for quick delivery.
- Reduced deploy time by 70% by implementing a CI/CD Circleci pipeline which helped product managers validate features 2x faster.
- Aided customers run through data 2x faster by implementing paginated API responses in Nodejs and MongoDB.
- Led a team of 3 front-end and back-end engineers and acted as the lead backend developer for the development of Connetmi e-commerce marketplace leveraging MEAN stacks.
- Spearheaded the development of an AI-powered recruitment application, leveraging MEAN stacks, Nginx, and DigitalOcean; managed a team of 4 engineers, achieving a 30% increase in candidate screening efficiency and reducing time-to-hire by 50%.
- Monitored software development project with Trello board and or Jira tool which speeds up by 20% delivery of Minimum Viable Product (MVP) within time and scope.

PREVIOUS EXPERIENCES**Telnet Nigeria Limited (Backend Developer), Lagos State.****December 2014 – February 2015****Java Instructor (Contract), JITSolutions Company, Ado-Ekiti, Ekiti State.****July 2013 - January 2014****Physics Tutor(NYSC), Christ School Ado-Ekiti, Ekiti State****March 2013 - February 2014****Computer Analyst(SIWES), Uc Network, Nsukka, Enugu State****July 2011 - November 2011****Side Projects**

- Part of the team migration of Cribmd's monolithic-based API solution to a microservice-based API solution (link: <https://cribmd.com/>)
- Co-built and developed a mobile fintech app for utility bill payment (Link: - https://play.google.com/store/apps/details?id=com.brix.heaven.app.new_heaven)
- Co-designed and modeled a smart contract-based global environmental commodity marketplace with Nestjs, Solidity, Hardhat, Postgress, and Typeorm (Link: <https://redant.world>)

Education**The University of Nigeria, Nsukka****(2007-2012)****B-Eng. Electronic Engineering (Second Class Upper Division)****Award /Certificate**

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| • NSUKKAUSA ACADEMIC EXCELLENCE AWARD | 2012 |
| • Diploma in Computer Engineering | 2011 |
| • PROJECT MANAGEMENT PRIMAVERA P6 AND MS PROJECT | 2015 |
| • MongoDB M103: Basic Cluster Administration | 2021 |
| • API Security Architect | 2023 |
| • AWS Lambda Foundation | 2023 |
| • Lab - Terraform for Beginners | 2023 |

Languages

- English - Fluent
- Pidgin English - Native