

JESSE OKORONKWO

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SKILLS

- JavaScript, NodeJS, NextJS, Java, Python, React, MongoDB, SQL, Jest, Git, GitHub, C#, C++, Tableau
- Backend, Frontend, Microservices, AWS, Docker, Agile, Software Architecture, Data Analysis/Visualisation

WORK EXPERIENCE

Cortido LTD: *Software Engineer*

08/2024 – present

- Built and maintained high-performance backend systems using Python and Node.js, optimizing database performance and system scalability.
- Engineered microservices-based architectures, implemented CI/CD pipelines with GitHub Actions and Docker, and leveraged event-driven frameworks like Kafka and RabbitMQ for efficiency.
- Developed secure authentication systems with OAuth and JWT, improved API response times by 30% through caching and query optimization, and enforced best practices in access control.

MITA Games: *Software Engineer*

04/2021 – 02/2022

- Led the development of a smart contract integration feature, enhancing the performance and scalability of the Legends of Mitra gaming platform, serving over 100,000 users.
- Built and maintained robust backend APIs for real-time data synchronization between game servers and the website, optimizing system performance and fault tolerance.
- Implemented unit and integration testing with Jest for reliability while utilizing Node.js, Web3.js, and Caver.js to develop secure, efficient blockchain-powered backend services.

KEAS LTD: *IT Support*

01/2021 – 04/2021

- Managed email correspondence, maintained digital records, and ensured accurate documentation for internal and external IT support requests.
- Compiled and analyzed IT-related data to generate reports on system performance, user issues, and support costs, assisting in decision-making and process optimization.

EDUCATION

Middlesex University || London, UK

January 2022 – September 2023

B.Sc. Information Technology and Business Information Systems: First Class Honours

Relevant Coursework: Strategic Information Systems, Business Intelligence, Interaction Design and User Experience, Individual Project (Web Development)

Aptech Computer Education || Lagos, Nigeria

May 2019 – April 2021

Advanced Diploma in Software Engineering: Distinction

Relevant Coursework: JAVA, OOP & JAVA, Object-Oriented Programming, C#, C++, PHP, JavaScript

PROJECTS

Portfolio Website (jesseoko.com):

Portfolio Website built with NextJS 15, AceternityUI, Tailwind CSS and ShadcnUI.

Alcoholic Beverages API ([GitHub](#)):

Engineered a scalable RESTful API using Node.js, performing CRUD functionalities and providing detailed information on cocktails and spirits. Implemented secure user and admin authentication with JWT and role-based access control.

EPL Predictor 2022 – 2020 ([GitHub](#)):

Created a Python project to predict Premier League match outcomes using historical data from the 2020 to 2022 seasons. It leverages machine learning models to analyze past match results and generate predictions for future fixtures.