

EMMANUEL AWEPERI ADIBA

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EDUCATION

University of Energy and Natural Resources

Bachelor of Science in Computer Engineering,

Sunyani, Ghana

2016 - 2020

SKILLS

Programming Languages : JavaScript, Typescript, Java, Kotlin, Python

Frameworks : React, Redux, Node.js, Express, Springboot, Hibernate, Spring Cloud

Databases & Database Tools : PostgreSQL, MySQL, NoSQL(MongoDB, DynamoDB), JDBC, Flyway

Architectures: Monolithic, Microservices, Distributed Systems

API Specs : REST API, GraphQL

Messaging, Caching & Streaming : Apache Kafka, RabbitMQ, Redis, JMS, Websockets

DevOps GitHub, Gitlab, BitBucket, GitHub Actions, Docker, Kubernetes, JUnit, Mockito, Mockk, Jest, Supertest

Cloud Technologies Heroku, Digital Ocean, AWS

Agile : Jira, Confluence, Trello

API Documentation : , Swagger API, Postman Documentation

Methodologies : Agile, SCRUM, Object-Oriented, Test-Driven Development

Soft Skills : Excellent Communication, Teamwork, Empathy, Accountability, Pragmatic.

EXPERIENCE

Global Tech Network

Software Developer

February 2024 - Present

Orlando Florida, United States

- Spearheaded the development of OITs Web project utilizing ReactJs, NestJS, MySQL, and Websockets. This strategic implementation resulted in a remarkable 40% increase in deadline efficiency, contributing to a more seamless and rapid user acquisition process.
- Created a structured documentation process and standardized testing methods for the engineering team, increased team productivity by 30%, and minimized development time for new features by 25%.

Sendafrika LTD

Software Developer - Contract

Sep 2023 - Jan 2024

Accra, Ghana

- Contributed to developing SendAfrika's flagship product by introducing authentication functionalities and KYC modules utilizing NestJS and MongoDB. This strategic implementation resulted in a remarkable 40% increase in user onboarding efficiency, contributing to a more seamless and rapid user acquisition process.
- Created a structured documentation process and standardized testing methods for the engineering team, increased team productivity by 30%, and minimized development time for new features by 25

Turntabl Ghana Limited

Software Engineer - Fulltime

Sep 2021 - Aug 2023

Accra, Ghana

- Pioneered the development of a cutting-edge news aggregator app employing Kotlin, Springboot, and PostgreSQL. This innovative solution catered to a dynamic user base of 15,000+, delivering real-time, tech-related news.
- Directed the design of ORM diagrams and orchestrated seamless database migration using Drawio and Flyway, fostering a flexible evolution of the database schema. This strategic approach ensured adaptability to evolving project requirements and laid the foundation for sustained scalability.
- Engineered a high-performing microservice trading engine using Java, Springboot, and Redis, culminating in a remarkable 20% monthly revenue boost. By architecting a scalable and resilient solution, I played a key role in driving financial success and operational efficiency for the organization, showcasing the tangible impact of technology on business outcomes.

Softmelon Engineering

Software Developer - Fulltime

Oct 2021 - Aug 2022

Accra, Ghana

- Orchestrated the timely development of a CRM software by skillfully coordinating a cross-functional engineering team, achieving project completion ahead of schedule. This demonstrated leadership and project management acumen ensured efficient collaboration and delivery of high-quality software solutions.

- Pioneered a groundbreaking product feature, resulting in an impressive 40% surge in user engagement.
- Streamlined project documentation, reducing required meetings by 70%.

PROJECTS

Exam Management System NodeJS, Vue, MongoDB, Git GitHub

- Created a timetabled feature to accomplish automatic exam timetable generation.
- Retrieved data from student database for student registration.
- Utilized QRCode that increased the rate of registration by 40%.

Blockchain Wallet NodeJs, Express, MongoDB, Docker No Link

- Created wallet using bitcore api
- Added endpoint to get wallet address and check balance
- Implemented transaction endpoints to send and receive bitcoin
- Performed critical computations to ensure no latency in transactions

Green Square ReactJS, NodeJs, Express, MongoDB, Javascript, Docker, Digital Ocean GitHub

- Created admin endpoints for monitoring the system.
- Added companies' endpoints to perform CRUD operations including checking and shortlisting candidates
- Implemented file upload to Cloudinary server, to store resumes, profile pictures, and other relevant files
- Utilized caching that increased server response time by 45%.