Godwin Odenigbo

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Summary

As a passionate and results-driven software engineer with more than 5 years of professional work experience, I thrive at the intersection of technology and innovation, delivering solutions that create meaningful impact. With a solid foundation in backend engineering, cloud architecture, and blockchain development, I've built a career transforming complex ideas into scalable, reliable, and user-centric products.

With expertise in AWS, Node.js, Typescript, Blockchain and team leadership, I am passionate about driving impactful projects that shape the future of technology. Let's connect and build something remarkable together!

Skills

Javascript, Node.js, Data Structures and Algorithms, Express.js, Typescript, Nest.js, Python, Fast API, Unit Testing, Test Driven Development (TDD), MongoDB, NoSQL, Git, SQL, PostgresSQL, React.js, Ethers.js, Web3.js, REST API, AWS, AWS Serverless, AWS Lambda, AWS SQS (Simple Queue Service), AWS Kinesis, Amazon EC2, API Gateway, Amazon DynamoDB, Amazon Eventbridge, AWS SNS, AWS CDK, AWS Cloudformation, Agile, HTML & CSS, CI/CD Pipeline, Shell scripting, Docker, Jest, Object Oriented Programming, Linux, Problem Solving, Redis, GraphQL, Team Management, Leadership Experience

Experience

Digitpay | Lagos, Nigeria
Technical Co-Founder | 04/2024 - Present

- Spearheaded the design and development of Digitpay's backend infrastructure, ensuring scalability, security, and seamless integration with fiat banking systems for crypto-to-fiat transactions.
- Collaborated with co-founders to pivot DigitSave into Digitpay, addressing critical market challenges and redefining the user experience for spending cryptocurrency in local currencies.
- Designed and implemented APIs with Node.js facilitating secure crypto-to-fiat conversions and streamlined transfers to traditional bank accounts.
- Led Agile planning, set milestones for the MVP, and assigned tasks using Trello to manage a cross-functional team effectively.
- Worked closely with UI/UX designers to create a seamless and intuitive user interface, enhancing engagement and customer satisfaction.
- Authored comprehensive application architecture and technical documentation to guide the team and ensure scalability and maintainability.
- Contributed to Digitpay's recognition and progression in the Lisk/AyaHQ Incubator Program, with 400+ pre-launch signups.

Anambra Techies (Non-profit) | Anambra, Nigeria
Senior Backend Engineer & Community Leader (Volunteer) | 05/2022 - Present

- Designed and developed scalable web applications, including the official website and talent platform, using AWS and Node.js.
- Organized and hosted over 20 tech events, mentorship sessions, and boot camps, impacting over 1,000 community members.
- Mentored community members on backend development and career navigation, contributing to their successful transitions into tech roles.

SKY UK | London, England
Software Engineer | 03/2023 - 10/2024

- Led the development and migration of Crossdriver, an internal automation tool for device testing, migrating to a scalable AWS infrastructure and handling 2 million requests per day with 99.999% uptime.
- Spearheaded the design and implementation of Crossdriver's cloud infrastructure using AWS services (Lambda, EC2, S3, IaC) and Docker, ensuring horizontal scalability and rapid deployment across teams.
- Mentored junior developers on cloud architecture, AWS services, and CI/CD practices, fostering skill growth and independent contributions to key projects.

- Designed and implemented the architecture for Crosstalk, a tool for automating audio-video synchronization checks with machine learning in python for Sky's video player SDK, utilizing AWS Kinesis, Lambda with Node.js, and S3.
- Reduced manual testing efforts with Crosstalk, improving software release efficiency and ensuring flawless playback for high-profile events like Peacock Wildcard event with 30 million viewers live.
- Enhanced automation in CI/CD pipelines, significantly improving software reliability, speed, and scalability across Sky's streaming platforms, impacting 40 million monthly users.

Ebit Labs | London, England
Backend Engineer | 09/2022 - 12/2022

- Determine product requirements and translate them into technical designs
- Designing and building scalable data-based cloud products to efficiently gather, manage and use data.
- Implementing back end applications to collect and manage data with Node.js and Typescript.
- Improving the infrastructure, tooling and quality of products.
- Using agile delivery methodologies and best practices to deliver new features and products.

Blocverse (Blockchain Development Company) | Lagos, Nigeria
Backend Developer | 08/2020 - 07/2021

- Spearheaded the design and development of the backend for TixHive, a groundbreaking NFT-based ticketing platform, enabling event organizers to tokenize and sell tickets as NFTs on the blockchain.
- Architected scalable APIs and a robust web3 service for seamless interaction with the blockchain, supporting over 50,000 ticket sales and generating over 150 million Naira in revenue.
- Developed and deployed smart contracts using Solidity for minting NFTs, streamlining the ticketing process and ensuring secure transactions on Opensea.
- Led the backend infrastructure, ensuring high scalability and zero downtime even with high transaction volumes, contributing directly to TixHive's financial success.
- Mentored and guided intern developers, fostering talent within the team and facilitating the growth of one intern to a full-time software engineer role.
- Supporting existing software products and making progress on new products.
- Develop and design RESTful services and APIs.
- Helped drive blockchain adoption in Nigeria, positioning Blocverse as a leader in Web3 solutions within the event industry.

Mismo Solutions | Remote, India
Backend Developer | 09/2019 - 08/2020

- Developing software in a variety of languages and frameworks such as Node.JS.
- Diagnosing and resolving application faults.
- Generating comprehensive test plans.
- Designing and implementing quality, scalable web-based software products.
- Analyzing user requirements.
- Supporting existing software products and making progress on new products.
- Develop and design RESTful services and APIs.

Education

Middlesex University London | London, England
Bachelor's Degree in Information Technology | 08/2022

- Graduated with First Class Honors
- Graduated with a 3.7/4.0 GPA

Aptech Computer Education. | Enugu, Nigeria
Advance Diploma in Software Engineering (ADSE) | 07/2019

- Graduated with Distinction.
- Cerificate for participating in Techwiz, Aptech students global competition.

Socials

LinkedIn Github Portfolio