Micheal **Ighietsemhe**

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Summary

I AM A BACKEND DEVELOPER WITH 5 YEARS EXPERIENCE BUILDING SERVICES WITH NODEJS, JAVASCRIPT, TYPESCRIPT, REDIS, SQL, RELATIONAL AND NON-RELATIONAL DATABASES. I AM ALSO FAMILIAR WITH DOCKER, GRPC, GRAPHQL, KAFKAJS AND RABBITMQ TO BUILD MICROSERVICES THAT WHEN NECESSARY, COMMUNICATE WITH EACHOTHER THROUGH EVENTS

Work Experience

Voja
Amsterdam, Netherlands

BACKEND DEVELOPER — *September 2023 - April 2024*

- Developed and implemented a Collaborative Filtering algorithm to expand complementary recommendations for 300 million hotel reviews, complemented by a scalable architecture using multiprocessing and LRU cache in Node.js.
- Streamlined user onboarding by 27% through Auth0 integration, automating user details retrieval, while also enriching user experience with detailed place descriptions and public transportation information via an OpenAI-powered endpoint.
- Enhanced hotel recommendations on Voja.Ai by integrating user preferences and incomplete missions, utilizing a personalized Node.js recommendation feature.

Proddly
Lagos, Nigeria

BACKEND DEVELOPER — *January 2020 - August 2023*

- Established CI/CD pipelines using Jenkins and GitHub Actions, alongside infrastructure automation with Terraform and Ansible on AWS, resulting in a 50% decrease in release cycle time and enhanced scalability and reliability through serverless computing solutions with AWS Lambda and API Gateway.
- Architected and implemented scalable data pipelines in Node.js, integrating Apache Kafka for real-time data ingestion, enhancing data accessibility and accuracy for clients.
- Automated ETL processes with Node.js scripts, reducing manual intervention by 60% and ensuring data integrity, while optimizing backend services in PHP and Node.js for a 40% reduction in response times.
- Engineered end-to-end data solutions encompassing automated validation and cleansing scripts, facilitating efficient extraction, transformation, and loading of large transactional datasets, while leveraging serverless computing solutions for optimized resource utilization and reduced operational overhead on AWS.

HiFast
Lagos, Nigeria

BACKEND DEVELOPER — *June 2018 - November 2019*

- Developed and deployed multiple Node.js microservices, each handling over 1000 requests per minute, contributing to the overall system scalability.
- Optimized the performance of an existing Node.js application, reducing average response time by 30% through code refactoring and implementing caching mechanisms.
- Through rigorous testing and debugging, I resolved several critical bugs in the Node.js codebase, leading to a 20% increase in user satisfaction as measured by post-release feedback.

iRecharge
Lagos, Nigeria

JUNIOR BACKEND DEVELOPER — *November 2017 - April 2018*

- Successfully integrated a diverse range of third-party APIs into the iRecharge microservice, expanding its capabilities to encompass airtime, data, TV subscription, and bank transfer services.

Education

Olabisi Onabanjo University
Ogun, Nigeria

Bachelor of Science in Computer Science, **Cumulative GPA**: **4.21/5.00**

Skills

Programming Languages:	Javascript, Typescript, NodeJs, PHP
Programming Frameworks:	NestJs, ExpressJs, Laravel/Lumen
Databases:	PostgresSql, MySql, MongoDB, DynamoDB, Redis, Firestore
Technologies:	Docker, GraphQL, gRPC, RabbitMQ, GCP, AWS, KafkaJS, DigitalOcean, Apache, Jenkins
Testing:	Jest, Github Actions