CHIMAUCHE NJOKU

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Linkedin | Github

SUMMARY

Chimauche Njoku is an experienced Senior Full Stack Developer with a deep expertise in building scalable applications and optimizing software systems for performance. With over 6 years of experience, Chimauche has successfully led major projects in data analytics, finance, logistics, e-learning, and more. He is proficient in using modern development frameworks like Python (Django, Flask, Machine Learning), PHP (Laravel), JavaScript (React.js, Next.js), Java (Springboot), and cloud services (AWS, Azure), ensuring both backend efficiency and user-friendly frontend interfaces. His strong collaboration skills, combined with a data-driven approach, have made him a valuable asset in delivering high-impact solutions that significantly boost user engagement and revenue for his clients.

Chimauche seeks opportunities in software engineering/artificial intelligence to contribute his extensive experience to innovative tech teams, leveraging his full-stack expertise to drive digital transformation and support businesses in achieving their goals.

EXPERTISE

Full stack Developer | Backend Developer | Data Analyst | Machine Learning | Project Management.

TOOLS

Programming
Python (Django, Flask, Machine Learning) | PHP (Laravel, Codeigniter) | Java (Springboot) | HTML5 (Bootstrap, Material UI) | JavaScript (React.js, Vue.js, Next.js, Ghost) | RabbitMQ
SQL
PostgreSQL | MySQL | Microsoft SQL Server
CMS
WordPress
Data analytics
Tableau | Azure Studio | Power BI
DevOps
AWS (EC2, ECS, lightsail, Elastic Beanstalk, S3, Glacier, RDS, DynamoDB, Redshift, VPC, Route 53, Cloudfront, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, CloudWatch, CloudTrail) | Azure (VMs, Azure App Services, Azure Functions, Azure Blob Storage, Azure SQL Database) | Git | CI/CD (CircleCI) | Docker | Kubernetes
Operating Systems
Linus | Windows
Software Development Methodologies
Agile | Waterfall
Project Management
Trello | Asana | Microsoft planner | Basecamp | LucidChart

PROFESSIONAL EXPERIENCE

SENIOR FULL STACK DEVELOPER - 10/2018 to current
NAIRAMETRICS
ROLES AND RESPONSIBILITIES
Tech Lead – Infrastructure and Scalability

- Led the entire tech infrastructure for Nairalytics, Nairametrics and TAO ensuring system scalability to accommodate growth and user demand.
- Oversaw the architecture and management of backend and frontend systems to enhance overall system performance and reliability.

API Development and Integration:
- Develop and implement scalable RESTful APIs for data analytics applications.
- Integrate and maintain APIs to facilitate access to economic and financial data.

Data Pipeline Management:
- Acquire and ingest large datasets to build and manage efficient data pipelines.
- Monitor and optimize data flows to support new features and revenue growth.

Full-stack Development:
- Maintain and upgrade frontend interfaces using React and Next.js for seamless user experiences.
- Ensure backend systems are optimized for performance and scalability.

Cross-functional Collaboration:
- Work collaboratively with engineers, web developers, and marketing teams to ensure smooth project execution.
- Facilitate communication between teams to ensure optimal functionality of both backend systems and frontend interfaces.

System Maintenance and Performance Optimization:
- Continuously monitor and upgrade backend and frontend systems for improved data processing and user experiences.
- Identify and implement improvements that enhance overall system efficiency and user engagement.

ACHIEVEMENTS

Increased Platform Traffic by 200%
- Achieved a 200% growth in site traffic for a leading financial news media outlet in Nigeria through extensive site and database optimization. Improved overall site performance, reducing load times and enhancing user experience.

Developed a Financial and Economic Data Analytics Platform
- Designed and implemented a data analytics platform that analyzes financial and economic indicators, helping investors make more informed, data-driven decisions. The platform played a key role in driving user engagement and increasing the user base.

Spearheaded a $100,000 Software Project
- Led a team of 6 in successfully managing a $100,000 software project, from conceptualization through to design, development, and distribution. Ensured timely delivery of the project within scope and budget, contributing to Nairametrics product development goals.

Boosted Subscription Levels for Economic Data Forecasting

- Increased the subscription levels of the user base by enhancing forecasting and prediction tools for Nigeria's economic data. This improved customer retention and attracted new users by offering reliable and insightful predictions for investors.

Expanded Product Offerings by Supporting Data-driven Features
- Supported the discovery and integration of new data-driven features, which increased platform offerings, leading to an improved product ecosystem and a diversified revenue stream.

FULL STACK DEVELOPER - 10/2017 to 09/2018
SUCCESS DRIVES GLOBAL CONSULT, LAGOS
ROLES AND RESPONSIBILITIES
Full-stack Developer
- Part of a collaborative team working on developing and maintaining both frontend and backend aspects of the application.

Backend Developer (Database Optimization)
- Responsible for optimizing database queries and performance to enhance user experience.

Software Engineer
- Focused on adhering to best practices for code quality and security, ensuring long-term scalability and maintainability.

ACHIEVEMENTS
Developed a Logistics and Tracking System
- Successfully developed and implemented a logistics and tracking system that improved operational efficiency by 110% and increased overall revenue by 150%, significantly enhancing business performance and client satisfaction.

Enabled Seamless Communication Between Remote Nurses, Patients, and Doctors
- Facilitated seamless communication between over 5,000 users, including remote nurses, patients, and doctors, enhancing care coordination and resulting in faster response times and improved healthcare service quality.

Increased Weekly Trading on Virtual Coin
- Strategically increased user engagement, resulting in a 10% monthly increase in weekly trading volumes on the platform's virtual coin system, driving consistent growth in platform activity and revenue.

FRONTEND DEVELOPER - 07/2015 to 09/2017
LEXTORAH E-LEARNING, LAGOS
ROLES AND RESPONSIBILITIES
Project Estimator / Project Manager
- Responsible for estimating project completion times and providing accurate quotes to clients.

UX/UI Designer
- Focused on improving user experience and interface design, leading to a significant increase in users.

Research and Development Specialist

- Conducts research and gathers information to develop design briefs and project outlines.

Front-End Developer
- Maintains and upgrades front-end systems, ensuring optimal performance and user experience.

ACHIEVEMENTS

Developed E-Learning System:

- Created an e-learning platform that boosted user engagement by 25% and increased course completion rates by 30%.

Led Year-Long Platform Release:

- Managed a year-long, four-part platform release, collaborating with marketing, BA, QA, and sales, leading to a 20% improvement in project delivery times and a 15% increase in user adoption.

Improved Cross-Department Collaboration:

- Enhanced collaboration between departments, resulting in a 12% increase in team efficiency and faster project turnaround.

Boosted Business Scalability:

- Delivered scalable platforms that improved operational efficiency by 18%, contributing to a 22% growth in business revenue.

EDUCATION
UNIVERSITY OF MALTA, MALTA
Master's Degree in Artificial Intelligence (in view)

MICHAEL OKPARA UNIVERSITY OF AGRICULTURE, UMUDIKE
Bachelor's Degree in Computer Science

PROJECTS
nairalytics | agromall | ftm | yieldroom | tao | newsletter.nairametrics.com
dividends | nairametrics mobile app (Android/iOS) | aio.ng | jittravels
prime.nairametrics.com | billionaires | nmobile.ng | billionaires.ng | billionaires.za.com,
billionaires.tz | billionaires.ke | field monitor app (Web & Android)

CERTIFICATION
Applied Data Science Module | AWS Certified Cloud Practioner
Machine Learning and Statistical Analysis | Data Foundation Nano Degree
Certificate of Proficiency in Java Standard Edition (SE) 7