

WALE JOHNSON

Application Software Developer

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PROFESSIONAL SUMMARY

Software Engineer with over 8 years of experience in developing and integrating enterprise applications across all levels of the stack. My expertise spans various sectors, including entertainment, financial services, and retail, where I have employed both micro service and full stack approaches to build robust solutions.

SKILLS

- **Programming Language:** JavaScript, Typescript, Python, HTML, CSS and Styled-Components.
- **Framework:** Django, Node.js, Express.js, React and Redux.
- **Database:** SQL and NoSQL databases including but not limited to MySQL, PostgreSQL, MongoDB, Redis, PostGIS, DynamoDB.
- **CI/CD tools:** Docker, Jenkins and Git.
- **Data Engineering:** Apache Spark
- **Cloud Services:** AWS, Lambda functions for API endpoints, S3 Bucket, ECR, EC2, Cloudwatch and Cloudformation.
- **Project Management:** Jira, GitHub and Bitbucket.

OTHER SKILLS

- Fast and continuous learner.
- Team leader, team player and excellent problem solver.

Experience

Application Software Developer | Alert labs Inc. | CA

February 2024 – May 2024

- Developed AWS Lambda endpoints to facilitate seamless interaction between Intercom and Slack enterprise applications, enhancing customer ticket resolution within the backend team.
- Created Intercom interfaces using Python and AWS Lambda, allowing customers to verify the compatibility of their water meters and shuttle models.
- Automated the creation and voting of ideas on the Aha application from the Intercom platform.
- Streamlined messaging between Intercom and Slack for the Customer Support team, enabling efficient ticket relay to the Technical team, which improved resolution time and overall productivity by 40%.
- Boosted sales by integrating and automating interactions between Salesforce and Intercom, optimizing the workflow between sales and customer support teams.
- Monitored and reported errors during Lambda function execution by integrating error stack traces with Slack and using Google Retool as a dashboard for tracking resolutions.
- Reviewed and developed well-documented code by modeling payloads and implementing functions and classes in a typed style, ensuring the code is well-structured and easy to maintain.
- Contributed to the modeling and development of a tracking and reporting application to review call performance from the Aircall app for the Customer Support team.
- Developed dashboard for adding and updating water meter models and accessories with Google Retool.

Full Stack Developer | Tech Studio Academy

June 2018 – Jan 2024

- Collaborated with stakeholders to develop and document software requirements and translate to a fully functional software system deployed as Docker containers with a micro-service approach.
- Maintained development through onboarding of new team members, mentored junior developers, reviewed codes before merging, ensured project timelines are met and set up Jenkins pipelines.
- Developed UI/UX designers' mockups into a functional management application for Lendsqr, an application for loan as a service firm, benefiting hundreds of merchants in managing the profiles of thousands of customers with a micro-service development approach. Utilized React, JavaScript, Redux, Styled-components, CSS, and material-UI for the frontend, Django with AWS MySQL RDS for user authentication and MongoDB for user portfolio and loan details.
- Led the end-to-end development process for wearehere.ng, an application catering to thousands of users. This platform enables users to book the services of artisans, while also providing real estate businesses with admin management of properties and bookings through a subscription model. The development utilized a stack comprising React, Typescript, JavaScript, HTML5, Redux, CSS3, Django, REST API, Styled-components, PostgreSQL, JWT, and deployed with Docker containerization.
- Optimized application performance for scalability by improving database (SQL, PostgreSQL, and MongoDB) queries and structure with Django ORM and implemented database indexing and server-side pagination.
- Implemented a game-changing upgrade for the Atafira trading platform by introducing a dynamic web socket connection. This innovation allows thousands of users to monitor their equity and trading balances with real-time data updates, seamlessly integrating multiple data sources through a celery worker over a Redis channel. The implementation has significantly enhanced the platform's functionality and user experience.
- Led the Design and the development of the backend concept, logic, API and frontend of beemathworld.ng, an e-commerce application that helps hundreds of their merchants with inventory and product variant management using Django, React.js, Redux and JSON Web Token for authentication and authorization.

Automation Engineer | Globacom Nigeria Ltd

February 2013 – May 2018

- Integrated data from various sources to optimize and analyze network performance with ETL processing using Pandas.
- Enhanced the network uptime for Globacom, by 40% through the implementation of automated processes. This involved replacing a 13-year manual escalation system for critical network fault alarms with a solution utilizing the pandas and selenium Python libraries.
- Orchestrated a seamless data migration as part of a groundbreaking upscale in database infrastructure, transitioning from Microsoft Access to MySQL server. Additionally, crafted a dynamic visualization dashboard for real-time analysis of network performance, revolutionizing insights for the NOC technical unit at Globacom.
- Improved efficiency by 50% by automating routine tasks and developing desktop applications with selenium and Tkinter python libraries.
- Developed dashboards to visualize the real time states of network nodes.
- Maintained and optimized MySQL database of NOC.

Education

Bachelor of Science, Electrical/Electronic Engineering

University of Lagos

2010