Damilare Agbabiaka

Full-stack Software Engineer

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SUMMARY

Experienced Fullstack Software Engineer and Solutions Architect with over 4 years of expertise in building scalable and reliable high-performance systems and growing experience in blockchain technology. Well-versed in building web and mobile applications using diverse tech stacks like React JS, Vue.js, Next.js, ExpressJS, NestJs, GoFiber, Laravel, Spring Boot, Django, Flask, and FastAPI. Adaptable professional who excels in teamwork and independent roles, and is passionate about creating impactful, real-world solutions.

SOFT SKILLS

- Excellent written and verbal communication, collaboration, and interpersonal skills.
- Time management and cross-functional team collaboration.
- Strong organizational skills and attention to detail.
- Effective project management.
- Versatility, adaptability, quick learning, and a multidisciplinary skillset.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Golang, PHP, Java, C#, SQL, Solidity, Rust, HTML5 & CSS.
Frontend: ReactJS, Vue.js, Next.js, Bootstrap, TailwindCss, SCSS, Figma.
Backend: Flask, Django, FastAPI, Fiber, NestJS, ExpressJS, Node.js, Laravel, Spring Boot.
Databases: MySQL, MongoDB, PostgreSQL, MSSQL, Fauna, SQLite.
Dev Tools: Linux, Postman, Swagger, Docker, Git/GitHub, Celery, RabbitMQ, Redux, Kubernetes, Selenium, Jira.
Servers: AWS, GCP, Microsoft Azure, Digital Ocean, Apache, Heroku.
Methodologies: Agile, Lean, UML Waterfall.
Web3 Tools: Trello, Hardhat, Moralis, Alchemy, Ethers.js.
MISC: CI/CD, Technical Writing & Research, Community Management, Data Structures & Algorithms, DevOps.

EDUCATION & QUALIFICATIONS

[International University of Applied Sciences, Germany](#) - (Diploma) CyberSecurity [2022]
[University Of Lagos, Nigeria](#) - Bachelor of Science (B.Sc.) Computer Science [2024]

WORK EXPERIENCE

Ankur Global, Lagos, Nigeria - *Backend Dev. + Lead Solutions Architect | Full-time*   **2023 - Present**

- Provided strategic guidance on project flows, resource needs, and product goals, aligning teams and clients on objectives and timelines.
- Led recruitment efforts to build a skilled and cohesive engineering team.
- Conducted code reviews, offering feedback and task allocation to maintain development standards.
- Established CI/CD pipelines for efficient backend/frontend deployments and managed server configuration and monitoring for reliable operations.
- Set up AWS, Cloudflare, and other platforms; managed domain transfers and migration to improve performance and scalability.
- Researched and developed internal product frameworks to support strategic goals.
- Contributed as Backend and DevOps Engineer on legal tech, social apps, fintech, SAAS, and enterprise software projects, with some exceeding 1,000 users.

Papayr Ltd., Buckinghamshire, England - *Full-stack Engineer + Team Lead | Full-time*   **2023 - 2024**

- Collaborated with cross-functional teams to gather requirements, define project scope, and deliver high-quality software solutions.

- Performed full-stack development across the complete development lifecycle, delivering highly available cloud solutions.
- Collaborated with designers to implement responsive and user-friendly UI/UX designs.
- Implemented REST APIs for mobile and web apps using Nest.js, GoFiber, and PostgreSQL.
- Actively involved in bug fixing during system testing, Joint system testing, and User acceptance testing.
- Improved code quality and maintainability by implementing best practices and code reviews.
- Implemented CI/CD pipeline using Docker and DigitalOcean, resulting in faster and more efficient deployments.
- Improved the application's performance and scalability by implementing caching and load balancing.

CodeSee - OSH, SanFrancisco, California - *Software Engineer & Technical Writer | Contract*   2022 - 2023

- Improved overall efficiency and reduced time spent doing small and repetitive tasks by automating several processes on Discord and Twitter by writing bots.
- Interacted with dockerized images that contain a local backend source and local Postgres database Migration/Seeding Information to work under a docker environment.
- Created articles, publications, newsletters, broadcast messages, and tweets based on the current trends in the tech space and the OSH community.
- Created Single page applications with React using Hooks, redux for state management; or using previous React state object plus lifecycle for component's internalize stateful management.
- Sped up content curation processes by writing tailor-made web scrapers.
- Organized and managed an online hackathon with community members with over 15 participants and seven exciting projects.

Yebox Technologies, Lagos, Nigeria - *Backend Engineer | Full-Time*   2022 - 2023

- Performed software development across the complete development life cycle to deliver highly available backend solutions and add new capabilities to existing applications.
- Created and deployed endpoints for products using the agile system, reducing overall time spent working on projects as opposed to previous timelines.
- Collaborated with other engineers to create a company boilerplate for building robust backend applications with optimal structure and architecture.
- Optimized app images by converting large-size images to more web-friendly JPEG, PNG, and WebP of varying dimensions, using Sharp, a popular high-performance Node.js module.
- Integrated with 3rd party APIs like Twilio (SMS), Stripe (Payment), and SmileId (KYC).
- Processed live data streams, extracting the required data and presenting it in a desired format (JSON format) consumable by the front end of the application team.
- Improved system performance and reliability by breaking down the monolith into various microservices.
- Implemented caching and load balancing, improving the performance and scalability of various applications.
- Experience in migrating various PostgreSQL databases on different platforms
- Extensively used regular expressions and core features in Python using lambda, map, reduce, etc, and effectively implemented logging features using Python logging library and profiling using cProfile.

FirstFounders Inc, Lagos, Nigeria - *Backend Engineer + Team Lead | Full-Time*   2021 - 2023

- Involved in consuming and developing RESTful Web Services using Typescript, Golang, PHP, and Python.
- Improved the overall productivity of the tech team by implementing a metric tracking and logging system.
- Created an API that collects data in CSV, JSON, or EXCEL format and produces a crosstab of the categorical features in JSON format, correspondence, and multiple correspondence analysis plots in jpeg format connected to AWS S3 storage and testing the response using Postman.
- Wrote and advocated good coding practices, such as integration tests, for company projects using Jest and Enzyme to ensure efficiency, easy debugging, and documentation for easy understanding and rapid front-end integration.
- Helped individual teams set up their repositories in GitHub to maintain their code.
- Implemented CI/CD pipeline using Docker and AWS, resulting in faster and more efficient deployments.
- Reviewed PRs made by other engineers and provided feedback for better performance.
- Created efficient MongoDB queries using MQL and aggregation pipeline
- Performed database performance tuning and optimization to ensure optimal performance
- Implemented database backup and disaster recovery procedures to ensure data availability and integrity for MongoDB and PostgreSQL databases.