Damilare Agbabiaka A.

Software Engineer
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PROFILE

Backend engineer with 4+ years of experience building scalable and reliable systems with growing expertise in blockchain technology and data science. I'm a quick learner, an effective team player, and also thrive at independent work. I am passionate about developing innovative solutions that solve real-world problems.

SOFT SKILLS

- Excellent written and verbal communication, collaboration, and interpersonal skills.
- Efficient time-management skills with an effective ability to work with cross-functional teams.
- Organized, detail-oriented, and able to manage multiple projects and deadlines.
- Multi-disciplinary skillset and the ability to quickly adapt and learn new skills.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go, Solidity, Rust, SQL, C#, Markdown, HTML & CSS.
Frameworks: Flask, Django, ReactJS, Next.js, NestJS, ExpressJS, Node.js, Bootstrap, Tailwind.
Databases: MySQL, MongoDB, PostgreSQL, MSSQL, Fauna, SQLite.
Development Tools: Postman, Swagger, Figma, Docker, GIT/GitHub, Celery, RabbitMQ, Redux, Kubernetes, Selenium, Jupyter, Mocha, Jasmine, Jest, Cypress, Sentry, VS Code, IntelliJ, Jira.
Servers: AWS, GCP, Digital Ocean, Heroku.
Methodologies: Agile, Lean, UML Waterfall.
Web3 Tools: Trello, Hardhat, Moralis, Alchemy, Ethers.js.
MISC: CI/CD, Technical Writing, Testing and Research, Community Management, Data Science.

WORK EXPERIENCE

Yebox Technologies | Software Engineer (BE Heavy) | Full-Time   January 2023 to Present

Yebox Technologies is a digital transformation consultancy and software development company that provides cutting-edge engineering solutions, helping companies untangle complex issues that always emerge during their digital evolution journey. At Yebox, I:

- Performed full-stack development across the complete development life cycle delivering highly available cloud solutions and adding new capabilities to existing applications.
- Actively created and deployed endpoints for products using the agile system which reduced overall spent working on projects as opposed to previous timelines.
- Improved performance and reliability of the system by breaking down the monolith into various microservices.
- Implemented caching and load balancing which improved performance and scalability of various applications.
- Experience in migrating various PostgreSQL databases on different platforms
- Involved in File Manipulation, consuming and developing RESTful Web Service using Python, Typescript, and Golang.
- Worked on two products in my first month, both of which went live and were demoed at a tech exhibition. Both products got a total of over 5000 users in their first week.
- Developed and maintained core product services.
- Involved in bug fixing during the system testing, Joint system testing, and User acceptance testing.

LibertyTech | Backend Engineer | Contract   September 2022 - March 2023

[Liberty Tech](#) is an affiliated organization that is building [LibertyPay](#), a fintech solution primarily for point-of-sale (POS) machines. At LibertyTech, I;

- Improved the data gathering visualization, analytics, and sharing process by writing scripts and cron jobs to comb databases.
- Enhanced the total team's efficiency and deliverables by taking on tasks that were either left halfway or not done due to some technicalities.
- Created clean high-quality code and endpoints for users and admins to interact with to improve user experience and aid overall workflow.
- Involved in bug fixing during the system testing, Joint system testing, and User acceptance testing.
- Implemented feature requests by stakeholders and pushed them to production which helped improve the overall use case.
- Improved code quality and maintainability by implementing best practices and code reviews.

FirstFounders Inc. | Software Engineer Lead | Full-Time   February 2022 - March 2023

[The FirstFounders](#) is a startup studio partnering with early-stage founders worldwide. With FirstFounders, I built products across different industries. Examples include A&K Drones, JemiEats, and ForceDiscount. At FirstFounders, I:

- Improved the overall productivity of the tech team by implementing a metric tracking and logging system.
- Developed RESTful API endpoints using Node.js, Express, NestJs, MongoDB, and PostgreSQL.
- Collaborated with project managers and stakeholders to gather requirements and ensure timely delivery of projects.
- Developed a system to audit and improve the order delivery process using drones by calculating the actual total distance covered and actual route taken for each order using MongoDB, Node.js, Google Distance Matrix API, and packages like XLSX to calculate the actual cost of delivery.
- Wrote and advocated good coding practices like integration tests for about 7 company projects using Jest and Enzyme to ensure that they were efficient, easier to debug, and documented for easy understanding and rapid integration by frontend developers.
- Suggested, initiated, and implemented industry-standard into the company's product development cycle e.g. CI/CD pipeline implementation using Docker and AWS, resulting in faster and more efficient deployments, and reduced downtime.
- Increased the number of products in the company's portfolio from 2 to about 7 as I developed, tested, maintained, and launched software products on client demand and industry standards.

[...]

COMMUNITY EXPERIENCE

- [SingularityNet Ambassador Program || 2023 || Community Ambassador & Technical Writer](#)
- [Popcorn DAO || 2023 || Community Contributor](#)
- [Ricochet Exchange || 2023 || Community Contributor (Dev)](#)
- [Open Source Hub || 2022 -2023 || Community Manager & Technical Writer](#)
- [Engineering Career Expo || 2022 || Backend Tutor](#)
- [OpenSource Community Africa - Yaba || 2021 || Core Team Member](#)
- [GDSC Unilag || 2020 || Python Tutor](#)
- [DevFest Ibadan 2019 || Volunteer](#)

Web3 Projects

[Crowdfunding DApp || React, Solidity, ethers.js || Ethereum](#)
[Crypto Transfer DApp || React, Solidity, ethers.js || Ethereum](#)

EDUCATION & QUALIFICATIONS

[International University of Applied Sciences, Germany](#) - CyberSecurity [2022]
[University Of Lagos, Nigeria](#) - Materials Engineering [2022]