Damilola Adekoya

Software Engineer | https://damilolaadekoya.com

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SKILLS

Languages: Javascript, Typescript, PHP, Graphql, HTML, CSS, HTML5, C#

Libraries/Tools: Laravel, Laravel nova, Nest js, Nextjs, React js, Vue js, Jquery, Tailwind CSS, bootstrap, Python, Django, cypress, jest, react testing library, Agile/Scrum methodologies, Metasploit.

Systems: Amazon web service (AWS), Docker, Linux, Lamba, Git, Power shell, Wireshark

Database: Mysql, PostgreSQL, Mongo DB, Dynamo DB, Elastic Search, Redis, Azure, Mssql

EXPERIENCE

Deelaa, Nigeria.   December 2022 - Till date
Contract backend engineer

- Designed, implemented and successfully deployed an advanced booking service, resulting in a remarkable 70% boost in system speed, and response time and significantly enhancing user experience.
- Led the design, implementation and seamless deployment of the promotion and service, resulting in a 100% user retention rate among existing customers.
- Introduced strict code review practices into the team workflow, and achieved a 100% reduction in production-bound bugs due to improved code quality.
- Refactored existing functionalities and classes to align with the DRY principle and OOP patterns leading to an impressive 80% enhancement in static code analysis.

Payjoy, United States.   March 2022 - March 2023
Senior full-stack engineer

- Designed and implemented a solution leveraging a third-party API to assess user creditworthiness through monthly statements. This innovation notably curtailed company risk by 15%.
- Collaborated with the frontend team to implement redesigned interfaces for the PayJoy app, benefiting phone vendors, and contributing to an outstanding 200% boost in user engagement.
- Mentored and coached 10+ junior engineers, providing guidance on technical challenges, facilitating their professional growth, and enabling 3 team members to earn promotions within 12 months.
- Led the hiring process, interviewing and assessing 20+ candidates, resulting in the successful onboarding of 6 top-performing engineers and boosting team productivity by 40%.

Shiprocket, India.   January 2021 - February 2022
Software engineering Consultant

- Integrated QR codes into shipping invoices, effectively eradicating counterfeit and forged receipts. This resulted in a remarkable 90% reduction in fraudulent transactions.
- Improved database performance by 50% through enhancements in SQL and Eloquent queries, normalization, and indexing techniques.
- Revamped the COD remittance module, transforming vendor payouts from a 5-day delay to a rapid 24-hour turnaround post delivery.
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Credpal, Nigeria.
Software Engineer   June 2020 - February 2021

- Spearheaded collaborative efforts to design and launch Nigeria's inaugural credit card system, catering to 300,000+ users and facilitating $100,000 in loans within the initial year.
- Developed an advanced spending analysis module, These analyses provided actionable insights to the product department, enabling strategic improvements to the application and driving an impressive 80% enhancement in user retention rate.
- Engineered the front end for the affiliate system, which yielded a substantial increase in daily signups from an average of 10 to 100 users. This initiative also led to over 3,000 new app registrations within a single month.
- Designed and implemented a groundbreaking fractional charging module, leading to a notable 40% increase in collections and a substantial 60% reduction in debt.
- Demonstrated leadership by guiding, monitoring and reviewing the work of a team of 7 developers in the execution of the Credpal Cash project, resulting in a remarkable 50% upswing in company liquidity, alongside a commendable 40% boost in customer retention rates.

Syssoft Consulting, Nigeria.   September 2019 - May 2020
Software Engineer

- Streamlined a business report process, reducing generation time from 4 hours to a mere 30 minutes.
- Utilized advanced SQL queries to generate comprehensive and insightful reports, enabling informed decision-making and driving a notable 30% increase in profit growth.
- Redesigned and built new web applications and APIs for AandG, resulting in an impressive 80% increase in active and new customer base.

Andela, Nigeria.   June 2019 - September 2019
Software Engineer

- Collaborated with five developers to create a resilient article-sharing platform and an e-commerce application tailored for the health sector.
- Played a substantial role in the design patterns and system architectural foundation of the backend systems, resulting in a 20% reduction in response time and enhanced system scalability.

BincomICT Solutions, Nigeria.   June 2018 - May 2019
Software Engineer

- Detected and rectified prevalent bugs within a legacy system, resulting in a remarkable 30% acceleration in system performance and a significant reduction in bug count.
- Architected and developed a robust API to serve the functionalities of a school management application, efficiently managing over 1000 students and automating manual processes, resulting in a 40% efficiency improvement.

Shibi Delivery and Logistics, Nigeria.   June 2015 - April 2017
Co-founder

- Created a food delivery website utilizing HTML and CSS, facilitating orders for thousands of students.
- Achieved a significant 60% enhancement in website SEO (Search Engine Optimization).

Projects

https://docs.google.com/document/d/1gmGPsMpiqlKH6vZv_7wgqBrMH7gINczpdoY1WeVenFI/edit?usp=sharing

Education

University of Lagos, Nigeria — *B.Sc Applied Physics*
November 2010 - November 2016
Udacity – *full-stack developer*
December 2019 - January 2020 Certificate

Niagara College, On, Canada — *Computer Prog.*
December 2023 - April 2025