DAMOLA ADEKOYA

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SUMMARY

Experienced Software Engineer with 7+ years in building high-impact products across fintech, eCommerce, and school management. Expert in developing scalable, secure applications and leading teams to deliver cutting-edge solutions. Proven ability to optimize performance and drive innovation through robust, user-centric software.

SKILLS

Languages: Javascript/Typescript, PHP, C#, Java, Kotlin, Dart

Tools/Frameworks: GCP, Kafka, RabbitMQ,Docker,Kubernetes,ReactJS, AngularJS, NodeJS, SpringBoot, NestJS, ASP.NET MVC, JIra, SQL Server,WebSockets,Redis.

WORK EXPERIENCE

Software Engineer , Interswitch Group   Sept 2019 - Present

- Managed and enhanced a financial settlement system, adding features to support card schemes (Mastercard, Visa, AMEX) for clients across African countries like Nigeria and Kenya, improving settlement accuracy and transaction processing efficiency
- Leveraged Redis, Docker, and Kubernetes to optimize application scalability and performance, reduce server response times
- Led and delivered payment options such as Pay with transfer, Pay with QR(mVisa), and wallet service e.t.tc
- Collaborated with cross-functional teams of engineers, project managers, and business users to deliver elegant software solutions, ensuring alignment with business goals.
- Developed a robust notification service for email, push, and in-app messages, implementing delivery optimization, tracking, queuing, and A/B testing, which boosted user engagement.

Software Developer(Contract), ZafariPlus   Feb 2019 - Sept 2019

- Reduced page load times by 35% by implementing a CDN, utilizing Cloudinary for optimized image handling, and enabling lazy loading, resulting in faster site speed and improved user experience during peak traffic.
- Reduced shopping cart abandonment by 22% through the development of a real-time cart reminder system and personalized email notifications, leading to increased sales and customer retention.
- Developed a product review system with a rewards feature, boosting feedback submissions by 50% and enhancing product visibility and platform credibility.

Software Engineer, Lagetronix Nigeria Limited.   July 2017 - Sept 2019

- Developed and optimized critical modules such as assignment and student course management systems, resulting in a more efficient academic workflow and improved user satisfaction.
- Led the development of a financial management solution for a betting company, integrating Sage ERP to streamline accounting processes, which enhanced the client's financial reporting and operational efficiency.
- Mentored and coached interns, providing technical guidance and fostering a collaborative learning environment, which contributed to the growth and skill development of the team.
- Spearheaded the adoption of Redis, resulting in a 25% improvement in application performance and faster data retrieval times across the project.

EDUCATION

Master of Science in Computer Science   July 2022 - 2024
Lead City University Ibadan

Higher National Diploma in Computer Science   Nov 2013 - Dec 2015
The Polytechnic Ibadan, Ibadan.

National Diploma in Computer Science   Oct 2010 - Dec 2012
The Polytechnic Ibadan, Ibadan.

PROJECTS

Quickteller Business
A solution that allows the merchant to create their online storefront, get paid by anyone, from anywhere without hassles. from massive corporations to small scale business.
Link URL: https://business.quickteller.com/

DCF Converter
A desktop application for card settlement. it works for different car schemes such as VISA, MasterCard, Discover e.tc. it accepts different file type as input then convert to output that is understandable to the positilion

KC GAME
A web-based solution deployed on-premise that gets daily financial transactions from the server and uploads them to the ERP for financial operation on the ERP application (SAGE 300).

Educ8e
A holistic enterprise school management that manages the student from application to graduation. it eliminates paper-based school management. it comprises 5 portals (student, admin, guardian, applicant, and staff) with 15+ modules.
Link URL: https://educ8e.com/erp/

VaultX
A scalable, secure, and highly available object storage solution designed to store, manage, and retrieve large volumes of unstructured data efficiently. This system supports multi-region replication, chunk-based storage, secure access controls, data compression, and deduplication, making it a competitive alternative to cloud-based solutions like AWS S3.
Link URL: https://github.com/DAMMAK/vault-x

Notification management
A robust notification management service using Spring Boot, Kafka, and PostgreSQL. Implemented multi-channel notifications including Email, SMS (Twilio), and Push (Firebase). Incorporated Resilience4j for circuit breaking and ShedLock for distributed task scheduling.
Link URL:- https://github.com/DAMMAK/notification-management

OPENSOURCE PROJECTS

RandomColorDart
A tiny script for generating attractive random colors.
Click here: https://pub.dev/packages/flutter_randomcolor

Github Kit
GitHubKit is a comprehensive Dart package for interacting with the GitHub API. It provides an easy-to-use interface for common GitHub operations and supports advanced features like GitHub Actions, code scanning, e.t.c.
Click here: https://github.com/DAMMAK/github_kit