

Tokunbo Lawal

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SECURITY CLEARANCE: Active

SUMMARY

Skilled and motivated US ARMY veteran and Full Stack software engineer with 8+ years of experience in frontend and backend technologies design and optimizations committed to delivering high-quality results and working collaboratively between Applications, Infrastructure, Analytics, and Business to execute technology roadmaps. Extensive experience in Java, PHP, JavaScript, HTML, and CSS with a Solid foundation in computer science fundamentals, object-oriented programming, and enterprise-level architecture. Proven ability to develop high-volume, distributed applications and collaborate across teams in fast-paced environments

WORK EXPERIENCE

MyFit.ai

Senior Software Engineer

09/2023– Present

Your **AI-smart health platform** focuses on fitness tracking, health insights, and personalized recommendations.

- Responsible for ReactJS customer facing website implementation with docker containers, including fixing bugs
- Develop new applications setting up Kubernetes and Docker containers achieving 40% faster deployment cycles.
- Built and maintained web applications for health tracking using React.js and Node.js.
- Design and develop new custom components to meet project requirements
- Implemented real-time analytics dashboards leveraging WebSockets and MySQL.
- Integrated third-party APIs for wearable device data collection.
- Developed secure authentication mechanisms with OAuth and JWT.
- Collaborated with cross-functional teams to deliver customer-centric solutions.
- Responsible for users' web applications and using Next.js, React, and TypeScript for health dashboards and AI-generated insights.
- Streamlined release processes with Jenkins for CI/CD, enhancing deployment efficiency by 50% and reducing downtime by 20%.
- Led backend development for AI-driven health tracking, handling user health data, scheduling, and task management with Laravel.

Contributions:

- Translate specification to architectural plan considering the current landscape, reducing project onboarding time by 30%.
- Utilized the custom framework to achieve business objectives, especially high availability requirements, achieving 99.9% uptime.
- Performs customization goals of the products and evaluates opportunities to improve current processes that increasing efficiency by 35%.
- Optimized API performance using K8 for Load, Stress, and Spike testing, leading to a 40% improvement in response time under peak loads.
- Technologies: PHP, React, ReactJS, NodeJs, CodeIgniter, Laravel, GIT, Apache, Ubuntu, PostgreSQL, MySQL, Redis, Docker.

Revature

Java Full Stack Software Engineer

12/2024– 02/2025

- Proficient in Java, Spring Boot, and RESTful API development.
- Strong experience with SQL databases (MySQL, PostgreSQL), JDBC, and data persistence strategies.
- Developed secure and scalable API endpoints with authentication, CRUD operations, and validation.
- Implemented user registration, login, and authentication mechanisms using secure password handling.
- Designed and maintained three-layer architecture (Controller, Service, DAO) for efficient system modularity.
- Expertise in JUnit, Mockito, and integration testing to ensure API functionality and reliability.
- Experience with Git, Maven, Docker, and cloud-based deployment strategies.
- Tuned database queries, optimized API response times, and ensured high system efficiency.

Responsibilities

- Designed and developed a Social Media Blog API to manage user accounts and messaging functionalities.
- Implemented secure user authentication and authorization mechanisms.
- Created RESTful endpoints to handle user registration, login, message creation, retrieval, updates, and deletions.
- Developed and optimized SQL queries for data storage, retrieval, and integrity enforcement.
- Ensured API reliability through unit and integration testing, debugging issues efficiently.
- Maintained a three-tier architecture, separating concerns between the controller, service, and DAO layers.
- Integrated logging, error handling, and performance tuning for efficient system monitoring.
- Worked closely with frontend developers, ensuring seamless API consumption.
- Utilized Git for version control, following best practices for branching, merging, and collaboration.

Technical Skills

- Java & Spring Boot, RESTful API Development, Authentication & Authorization, Microservices Architecture, Logging & Monitoring & Git/GitHub, SQL (MySQL, PostgreSQL) and JPA/Hibernate for object-relational mapping (ORM), JUnit, Mockito, and Postman API testing to validate API functionality. Docker and CI/CD pipelines for deployment automation, Performance Optimization.

Intralot

PHP Developer

09/2021 - 09/2023

- Maintain and optimize PHP, React-based web applications for high traffic lottery gaming operations, enhancing performance and user experience by 35% and increased revenue.
- Worked with Edge Framework, React, JavaScript, CSS, HTML5, Node.js to resolve technical issues arising from integrations.
- Created responsive designs using CSS Grid and Flexbox, ensuring compatibility across mobile and desktop devices, improving mobile user engagement by 60%.
- Real-time updates for lottery results via WebSocket for live data fetching, resulting in 25% improvement in response time.
- Built scalable RESTful APIs to manage large volumes of user and transaction data.
- Resolved 100+ complex technical issues achieving a 95% bug-fix success rate using Xdebug.

Contributions

- Understudy legacy platform integration and provide gradual solutions, reducing maintenance efforts by 30% and improving code maintainability.
- Performs customization goals of the products.
- Utilize the custom framework to achieve business objectives, especially high availability requirements.
- Find opportunities to improve current processes.
- Upgrade and Optimize API's performance.
- Technologies: PHP, ReactJS, PHP Frameworks [Edge & CodeIgniter], GIT, Apache, Ubuntu, Windows Server, MySQL, Redis, Docker,

Float Mobility

Software Engineer

05/2019– 09/2021

- Developed a cross-platform app using the Angular-based Ionic Framework.
- Managed app releases and storage using Xcode and Android Studio, ensuring smooth distribution and updates.
- Maintained API documentation and specifications, reducing errors and improving development efficiency.
- Managed (CI/CD) pipelines for development, testing and deployment using Jenkins
- Designed and implemented scalable, high-availability solutions aligned with enterprise standards and IT strategies.
- Integrated mobility purchases with budgeting and travel planning, providing cost-saving benefits.
- Developed use case diagrams and documented functional specifications for reporting platforms using Enterprise Architect and Google Docs.
- Automated resource management with AWS CloudFormation and ensured secure operations through AWS IAM.
- Maintained system health with Grafana and resolved Kafka infrastructure issues promptly.
- Proficient in Jira, GitLab, Jenkins, Taiga, and Postman for seamless project management and documentation.

Contributions:

- Migrated the legacy platform to containers and implemented Kubernetes improving scalability and maintainability by 40%.
- Enhanced REST API performance by adding Redux caching, resulting in a 20% increase in page speed.
- Implemented real-time and high throughput systems using Apache Kafka, contributing to a 30% increase in data processing and ensuring reliable event-driven architecture.
- Mastered CI/CD for mobile apps and leveraged Smartphone Test Farm (STF) for device management and testing, reducing manual testing efforts by 50%.
- Applied Test-Driven Development using PHPUnit, leading to a 25% reduction in post-release bugs by writing tests before implementing functionality.
- Designed and optimized scalable microservice solutions using GCP/AWS, ensuring cost efficiency and business alignment.

WrenchBoard

Software Engineer

09/2016– 02/2019

This platform streamlines project management, personal tasks, and parenting strategies with features like the **Plan Rewards** system.

- Responsible for middleware logic, caching, authentication, and API management for the Plan Rewards feature platform using Laravel.
- Used CodeIgniter to manage tasks and user data.
- Built responsive user interfaces for task planning and reward tracking with React, increasing user engagement by 35%.
- Created reusable modules for task lists, calendars, and rewards using ReactJS's component-based structure.
- Structured sections for task lists, calendars, and reward tracking with XHTML for clean, accessible design.
- Developed interactive task lists and notifications with dynamic task management capabilities.
- Enabled real-time collaboration between users with WebSocket integration, reducing latency by 50%.
- Leveraged Ionic React for mobile app development on iOS and Android with seamless web component integration achieving 20% growth in mobile users.
- Used Docker for deploying microservices across multiple environments, enhancing deployment efficiency by 45%.
- Implemented caching mechanisms (Redis, Memcached) to optimize database load and data access speed.
- Set up automated backups for critical data to ensure disaster recovery solutions.

Contributions:

- Improved performance with lazy loading of UI components, reducing load times by 35%.
- Enhanced system performance by 30% through database optimization and efficient coding practices.
- Spearheaded the development and AWS deployment planning of the main ReactJS website and user interfaces.
- Implemented gate API testing with K6 setup and monitoring with Grafana to track performance leading to a 20% decrease in performance-related incidents.
- Ionic App publishing to Ios and Android store

EDUCATION

- **Associate of Science (A.S.) Cybersecurity & Information Assurance** | Ivy Tech Community College, Indianapolis, IN | 2024
- **Bachelors Degree** Software Engineering | Western Governors University | In Progress
- Mentor-Based Project Cybersecurity NIST Framework | IQ4 | 2024
- AWS Solution Architect Associate – In Progress. | 2025
- **Bootcamp Training Python and Web** Development Fundamentals | Vets Intech Academy | 2024
- **J.P. Morgan** Software Engineering | J.P. Morgan | 2024
- Generative AI with Vertex AI | Google Cloud | 2024
- **TOGAF 9 Certified Enterprise Architect** | The Open Group | 2023
- Network Security & Database Vulnerabilities | IBM | 2020
- **Bachelors Degree** Computer science & Information Technology | Yaba College of Technology | 2012

RELEVANT SKILLS

- Languages: PHP, Java, HTML, CSS, JavaScript, TypeScript, Python
- Frameworks/Libraries: React, Bootstrap, CodeIgniter, Laravel, Angular, Ionic Capacitor, K6, Grafana

- Tools and Platform: Docker, Jenkins, Nodejs, MVC Architecture, WebSockets, Webpack, Apache, Git, GitHub, GitLab PHPStorm.
- Core Expertise: Object-Oriented Programming (OOP), MVC Architecture, microservices design, event-driven architecture
- Databases: MySQL, Redis, MongoDB
- Web: XHTML, CSS Grid, Flexbox, REST APIs
- Mobile Development: Ionic Framework (Angular), React Native, Android, iOS.
- Cloud Technologies: AWS (Services like EC2, S3, RDS)
- Standard & Best Practices: Responsive Web Design, RESTful APIs, Agile/Scrum methodologies

KEY PROJECTS

- Enterprise Lottery Dashboard– Scalable application for tracking real-time lottery results using PHP CodeIgniter, React.js, and WebSockets.
- Health Tracking App – Mobile application leveraging device sensors for fitness tracking, built with Ionic/Capacitor, React and integrated with MYSQL backend.
- Task Management Tool- Developed for WrenchBoard, providing family and project collaboration features with microservices architecture.

PERSONAL PROJECTS

- Personal Website – <https://www.tokslaw.com>.
- Blog Website – <https://blog.tokslaw.com>
- Airbnb Clone, Meetup Clone, Job Search App - React Native
- ChatApp. <https://github.com/tokslaw7/taborgchatapp>

PROJECT NAME

- Geek Listing Website Technologies used: PHP framework: Laravel https://github.com/tokslaw7/TABORG_GEEKS
- Personal Portfolio Website - In Progress <https://github.com/tokslaw7/tokslaw-www>

SOFT SKILLS

- Strong communication and interpersonal skills with both technical and non-technical stakeholders.
- Effective organization and problem-solving abilities in high pressure environments.
- Team player with a proactive approach to innovation and process improvement.

Military Service: [US ARMY, E-4]

Professional Memberships: GirlsWhoCode