

# Tokunbo Lawal

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## PROFESSIONAL SUMMARY

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US Army veteran and Full Stack Software Developer with hands-on experience designing RESTful APIs and microservices using JavaScript, React, Node.js, and SQL/NoSQL databases. Skilled in building secure authentication systems, responsive SPAs, and scalable technical solutions in agile environments.

## CORE SKILLS

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**Front End:** React, Next.js, JavaScript (ES6+), TypeScript, Vite, HTML5, CSS3, Tailwind CSS, React Router, responsive design, reusable components, component-based architecture

**UI / UX:** Accessible UI development, CSS Grid, Flexbox, mobile-first design, single-page applications, real-time dashboards

**State & Data:** React Hooks, Context API, Redux, REST API integration, WebSockets, third-party API integration

**Performance:** Lazy loading, rendering optimization, page speed improvement, load/stress/spike testing, K6, Grafana

**Engineering:** Node.js, Express, Java, Spring Boot, PHP, Docker, Kubernetes, Jenkins, Git, GitHub, GitLab, Agile/Scrum

**Databases & Cloud:** PostgreSQL, MySQL, Redis, Prisma, Supabase, AWS

## PROFESSIONAL EXPERIENCE

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**Codepath** | AI- Native Software Engineer – Applied AI Engineering 02/2026 – Present

- Built AI-integrated systems using RAG, agentic workflows, and responsible AI guardrails; applied ML concepts including data representation and model behavior.
- Assessed and improved AI-generated code using rigorous verification; practiced Python, Pytest, and professional Git/GitHub collaboration workflows.

**MyFit.ai** — Full-Stack Engineer 09/2023 – 03/2025

- Built and maintained customer-facing health dashboards using Next.js, React, and TypeScript, designing custom UI components and integrating third-party APIs, real-time analytics, and secure OAuth/JWT authentication.
- Improved deployment speed by 50% via Jenkins CI/CD and Docker/Kubernetes pipelines, and boosted API response time by 40% through load, stress, and spike testing.
- Collaborated with cross-functional teams to translate product requirements into scalable, customer-centric web solutions.

**Intralot** — PHP Developer 09/2021 – 09/2023

- Developed React-based web applications for high-traffic lottery operations; responsive interfaces with CSS Grid and Flexbox improved performance by 35% and mobile engagement by 60%.
- Integrated REST APIs and WebSocket real-time updates; resolved 100+ production issues with 95% success rate, reducing response time by 25% and supporting legacy modernization to cut maintenance effort by 30%.

**Float Mobility** — Software Engineer 05/2019 – 09/2021

- Owned Jenkins CI/CD for build/test/deploy; automated infrastructure with AWS CloudFormation and IAM; maintained observability with Grafana.
- Migrated legacy platform to Docker/Kubernetes and implemented event-driven throughput using Apache Kafka.

**WrenchBoard** — Software Engineer 09/2016 – 02/2019

- Owned Plan Rewards backend (Laravel/CodeIgniter): API management, token auth, Redis/Memcached caching, backups/DR, and Docker deployments.
- Built WebSocket real-time collaboration (~50% latency reduction) and drove performance/security gains (lazy loading ~35% faster, DB tuning ~30%, WAF/bot controls).

## PROJECTS

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- **Websites** [Personal Website](#) [Personal Blog](#) [Personal Portfolio](#) [Social media](#)
- **Projects** [Terraform with AWS](#) [GitLab DevOps](#) [EcoBridge](#) [Bloomberg Hackathon](#)

## EDUCATION

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- [A.A.S. Cybersecurity \(2024\)](#) B.S. Software Engineering (May, 2027) [Computer Science & Information Technology \(2012\)](#)
- [TOGAF 9 Certified](#) [CompTIA Security+ & Network+](#) [AWS Cloud Practitioner](#)

## SOFT SKILLS

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- 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.