

JOSHUA EGBEYEMI

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SENIOR FULLSTACK ENGINEER

SYSTEM ARCHITECTURE | SOFTWARE LIFECYCLE MANAGEMENT | SECURITY COMPLIANCE

DRIVING SCALABLE, HIGH-PERFORMANCE SOLUTIONS THROUGH INNOVATIVE SYSTEM DESIGN AND ADVANCED SOFTWARE ARCHITECTURE.

Experienced FullStack Engineer with a background of over nine years in constructing performant backend systems with Python, Django, and FastAPI, as well as handling frontend and mobile development using React, React Native, and TypeScript. Capable of creating bullet-proof APIs, being responsible for the system's performance, and implementing AI to speed up the software development process. Seeking a job in which I can apply my design skills to real life. Practice made me someone who can thrive in an intense startup environment and chase product requirements that were both complicated and user-friendly.

SIGNATURE ACHIEVEMENTS:

- ✓ Accelerated application response times by redesigning database query strategies, fine-tuning database indexing, and integrating Redis caching, resulting in substantial performance gains across core APIs.
- ✓ Engineered a real-time data delivery pipeline leveraging React, WebSockets, RabbitMQ, and MongoDB, enabling instant analytics and streamlining operational workflows across key business functions.
- ✓ Strengthened platform security by architecting advanced authentication and authorization layers using OAuth2, JWT, and RBAC, reducing exposure to unauthorized access, enforcing least privilege, and elevating compliance standards.

SIGNATURE STRENGTHS & COMPETENCIES

API Design	Agile Development	Automation Strategy
Scalable Solutions	CI/CD Integration	Data Modeling
Code Quality Standards	Performance Optimization	Technical Leadership
Real-Time System Design	Cloud Infrastructure Design	Cross-Functional Collaboration
Microservices Architecture	GraphQL Architecture Design	

PROFESSIONAL EXPERIENCE

ACCOMPLISHR | USA

JAN 2024 - PRESENT

Senior Full Stack Software Engineer

- ❖ Catalyzed the architecture and launch of vital platform functionalities using FastAPI, Nuxt, and WebSockets, integrating advanced security protocols and load handling mechanisms to support high-traffic environments with uninterrupted availability and seamless UX flow.
- ❖ Coordinated cross-functional release management between Engineering and DevOps, streamlining CI/CD workflows and accelerating deployment velocity by 30% through automated versioning, rollback strategies, and testing pipelines.
- ❖ Built a compliant data tracking framework using Google Analytics and Nuxt, embedding GDPR-aligned cookie management tools to enhance data governance while boosting analytics accuracy by 41.3%.
- ❖ Revamped interactive media experiences by reconstructing the live Fireside Screen with Nuxt, WebRTC, and WebSockets, driving measurable reductions in latency and bolstering session reliability for thousands of concurrent participants.
- ❖ Innovated and deployed a scalable finance infrastructure leveraging FastAPI, MongoDB, and third-party APIs, slashing transactional errors by 36.8% while enabling secure, instantaneous processing of high-volume financial operations.

MICROVEST | NIGERIA

SEP 2021 – SEP 2023

Frontend & Mobile Software Engineer

- ❖ Orchestrated end-to-end development of a high-performance web and mobile application ecosystem using Angular, Ionic, and Capacitor, scaling the user base from inception to over 20,000 by delivering a seamless cross-platform experience and responsive UI architecture.
- ❖ Constructed a real-time Customer Experience Dashboard leveraging Angular and Java, equipping stakeholders with actionable user interaction data that accelerates support workflows and elevates customer satisfaction metrics.
- ❖ Accelerated asset rendering and bandwidth efficiency by embedding Cloudinary for media optimization, achieving faster content delivery and contributing to over 10,000 mobile app installs and a 4.1+ store rating.
- ❖ Established a comprehensive admin analytics suite to monitor user behavior and operational KPIs, enabling faster detection of anomalies and cutting customer response time by 80%.
- ❖ Devised and integrated a secure Treasury Module featuring Maker-Checker controls, role-based access systems, and dynamic PDF statement automation, strengthening transactional governance and financial compliance.

THE MULLINGS GROUP | USA

JUL 2019 – SEP 2021

Full Stack Software Engineer

- ❖ Directed end-to-end engineering and technical leadership of an interactive gaming platform using React, WebSocket, and MeteorJS, integrating narrative-driven logic and real-time capabilities that attracted and retained over 3,000 active users through immersive story engagement.
- ❖ Integrated full-stack components across front and backend layers to deliver cohesive application workflows, fusing user interface enhancements with optimized server-side logic to support complex, real-time interaction models.
- ❖ Engineered a real-time event processing architecture using React, Node.js, and PubSub patterns, enabling instantaneous data updates across the platform and elevating operational throughput by 49.3%.
- ❖ Designed a unified API layer with Python, Electron, and Meteor.js to aggregate and standardize access across disparate data endpoints, slashing manual integration overhead by 57.2% while optimizing backend request handling.
- ❖ Modernized legacy systems by migrating outdated jQuery implementations to contemporary frameworks such as React and Angular, advancing codebase scalability, enhancing UI responsiveness, and minimizing long-term technical debt.

FIRST PAVILION TECHNOLOGIES | NIGERIA

SEP 2015 – APR 2019

Full Stack Software Engineer

- ❖ Leveraged React and Tailwind CSS frameworks in designing a comprehensive coworking space platform, integrating real-time WIFI access control, time usage tracking, and dynamic space allocation features that streamline internal operations and elevate the user experience for daily occupants.
- ❖ Synthesized UI frameworks and backend integration strategies across projects to ensure consistent styling, functional scalability, and seamless content delivery, aligning site behavior with user expectations and branding objectives.
- ❖ Spearheaded the frontend architecture for an LMS using Vue, Vuex, TypeScript, and Sass, embedding data-driven dashboards and live progress visualization tools that supported over 500 users across 20+ academic institutions.
- ❖ Delivered high-performance client websites by combining Vue, React, and WordPress, executing responsive design principles and performance optimizations that enhanced mobile usability and reduced load times across devices.

PROJECTS

- ❖ **Encrypted SMS Messaging App** (*Ionic, Capacitor, Node.js, Express, MongoDB*) – Engineered a secure communication platform with encrypted message delivery and third-party SMS API integration, safeguarding user data and eliminating unauthorized access threats.
- ❖ **Integrated Banking Loan (IBL)** (*Flask, React, QuickBooks API*) – Developed a scalable loan management system with automated disbursement workflows, repayment monitoring, and real-time financial reporting, reducing manual effort by 62.7% while supporting reconciliation for over 500,000 loans.
- ❖ **Smash FM Radio & FCRN Lagos App** (*Ionic, Angular, Capacitor*) – Delivered a real-time streaming application with smooth cross-platform audio playback, achieving over 1,000 downloads and expanding mobile access to live radio content.
- ❖ **OGFIMS** (*Node, React, MongoDB, Docker*) – Created an aggrotech platform for the Ogun State government to manage the state farmers, help connect hundreds of farmers with direct consumers, and handle procurement.

EDUCATION & CERTIFICATION

PGD, Cybersecurity and Intelligence Engineering | Ontario College of Management and Technology – Ontario, Canada

Higher National Diploma, Computer Science | Moshood Abiola Polytechnic – Ogun, Nigeria

Certified in Cybersecurity | Information System Security Certification Consortium (ISC2)

TECHNICAL ACUMEN

Frontend Frameworks & Libraries: React, Vue.js, Angular, Next.js, Nuxt.js, Ionic, Tailwind CSS, Sass, Capacitor, Redux, Zustand, React Hooks, Pinia, Design System, React Query, Vite, TypeScript

Backend Frameworks & Languages: Node.js, Express.js, Nest.js, FastAPI, Flask, Python, Meteor.js, C#.Net

Databases & ORM Tools: PostgreSQL, MySQL, MongoDB, Redis, TypeORM

APIs & Protocols: RESTful APIs, GraphQL, WebSockets, Secure API Development, OAuth2, JWT, SSO, RBAC, RabbitMQ, Microservices

Cloud & DevOps: AWS, Firebase, Docker, Kubernetes, Nginx, Cloudflare, GitHub Actions, CI/CD Pipelines, IAM, GCP, Azure

Testing & Quality Assurance: Jest, PyTest, TDD, Testing

Security & Compliance: GDPR, Secure API Practices, IAM, OAuth2, JWT, RBAC, SAML, ISO27001