

Otee Ziregbe

Senior Full Stack .NET Developer | Remote

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PROFESSIONAL SUMMARY

Results-driven Senior Full Stack .NET Developer with 15 years building scalable, high-performance applications across fintech, healthcare, education, recruitment, logistics and government sectors. Expert in C#, .NET 6/8, ASP.NET Core, and Azure/AWS cloud services, with strong frontend skills in React, Blazor. Growing specialization in applied AI, including LLM integration, RAG architectures, and agentic tool-calling systems in production, backed by formal postgraduate training in AI/ML and Business Analytics. Proven track record leading development teams, architecting clean-code microservices solutions, and delivering measurable performance gains. Fluent English communicator experienced in remote collaboration and technical leadership.

TECHNOLOGIES

✓ C#	✓ ASP.NET Core / Web API	✓ React / Blazor	✓ Azure / AWS
✓ Microservices & Clean Architecture	✓ Entity Framework Core	✓ PostgreSQL / SQL Server / My SQL	✓ MediatR / CQRS / DDD
✓ Identity Server / Auth	✓ Docker / CI/CD	✓ TypeScript / JavaScript	✓ xUnit / NUnit / TDD

EXPERIENCE

Lead Software Engineer | Zipa Digital Solutions Limited | Feb 2026 – Present

Zipa - Hyperlocal delivery and errand platform (zipa.ng)

- Architected and built the full platform from scratch — customer PWA, business PWA, rider PWA, and admin dashboard — as the sole engineer.
- Designed a multi-role REST API (.NET 9) handling order management, delivery assignment, real-time notifications, and payment processing via Paystack.
- Implemented OTP-based authentication with JWT + refresh token rotation and

Iron-session-managed frontend sessions.

- Integrated Termii (SMS/OTP), Cloudinary (image hosting), and Paystack (payments + payouts) into a cohesive delivery pipeline.
- Built a chat-to-order feature enabling conversational ordering for pharmacy and specialty merchants.
- Leveraged Claude Code for AI-assisted code generation, reviewing and validating all output to ensure correctness, security, and alignment with architectural decisions.
- Launched platform commercially in March 2026; onboarded 10+ merchants and 50+ users within the first six weeks.

Stack: .NET 9, C#, Next.js 14, TypeScript, PostgreSQL, Entity Framework Core, Hangfire, Railway, Vercel, Paystack, Termii, Cloudinary

NaijaTax AI - Built and deployed a RAG based Nigerian tax research assistant, live at naijatax.ai

- Designed and shipped a full RAG pipeline: PDF ingestion, chunking, embedding, and retrieval-augmented generation over Nigeria's 2025 Tax Act and Tax Administration Act corpus (595 chunks, pgvector cosine similarity).
- Provisioned and deployed production AWS infrastructure via CDK (C#): two-AZ VPC, ECS Fargate, RDS Postgres 17 with pgvector, ALB with ACM/HTTPS, CloudFront + S3 for a Next.js static frontend, Parameter Store for secrets.
- Implemented dense vector retrieval with tuned confidence gating (distance thresholds) to reduce hallucination and unsupported citations, plus deterministic citation formatting to avoid OCR-contaminated verbatim snippets.
- Built IP-partitioned rate limiting middleware (ASP.NET Core PartitionedRateLimiter) architected for authenticated-tier scaling.
- Solo-owned the project end-to-end: requirements, architecture, corpus curation/verification (cross-checked with Azure Document Intelligence), backend, frontend, and cloud deployment.

Stack: .NET 9, C#, ASP.NET Core, Next.js 14 (static export), TypeScript, PostgreSQL 17 + pgvector, Entity Framework Core, OpenAI (embeddings + GPT-4o), AWS (CDK, ECS Fargate, RDS, ALB, CloudFront, S3, Route 53, Parameter Store, IAM, CloudWatch), Azure Document Intelligence

Lead Software Engineer | Urvin Finance | United States (Remote) Oct 2021 – Feb 2026

Financial social platform serving thousands of active users, built from scratch.

- Designed and led development of the full platform — backend APIs, frontend components, and cloud infrastructure.
- Restructured portfolio data store, improving backend response time by 20%.
- Integrated third-party broker providers to synchronise user portfolios in real time.
- Hardened platform security against session hijacking, clickjacking, and mass assignment vulnerabilities.

Stack: NET 7, C#, [ABP.io](#), ASP.NET Core, Blazor, Clean Architecture, PostgreSQL, EF Core, MediatR, Identity Server, Azure Redis, Elastic Search, Azure App Service, Azure Blob Storage, Azure Key Vault, Azure DevOps

Fullstack Developer | PlateauMed | Nigeria Oct 2024 – May 2025 (Contract, concurrent with primary role)

EHR & Inventory system for ~5,000 staff across all primary health centres in Nigeria.

- Led full-stack architecture and codebase setup for a nationwide inventory management system.
- Built high-throughput API endpoints with query optimisation and integrated Metabase for analytics reporting.
- Delivered React frontend interfacing with secure, scalable .NET backend services.

Stack: NET 7, C#, [ASP.NET](#) Zero, ASP.NET, React, PostgreSQL, EF Core, MediatR, Azure Redis, Azure Blob Storage, Azure Key Vault, Azure DevOps

Team Lead / Senior Software Engineer | MVP-Soft | Serbia (Remote) Dec 2022 – Oct 2023 (Contract, concurrent with primary role)

Enterprise CRM solution built from scratch.

- Led a team of 3 developers delivering a full CRM product — from API design to React UI components.
- Built a billing module with bulk SQL insert, cutting bill upload time by 50%.
- Designed high-throughput API endpoints and polished Material UI frontend components.

Stack: .NET 6, C#, ASP.NET Core, React, Material UI, MS SQL Server, EF Core, MediatR, Clean Architecture, DDD

Deputy Chief Software Architect | Cyberspace Limited | Nigeria Jan 2019 – Oct 2021

Unit Head of Fintech Division – CyberPay Payment Gateway.

- Led a team of 7 in this project.
- Architected CyberPay's asynchronous settlement engine. Payments queued to Azure Storage queues and processed by an Akka.NET background worker that split funds across merchant, processor, and platform accounts with ack-after-success durability and idempotency strategy in place.
- Built a non-blocking payout pipeline on Azure Service Bus: API validates balance and returns immediately while a consumer disburses and posts status to merchant webhooks.
- Extended the gateway with USSD, bank transfer, and additional card channels, driving a 50% increase in transactions.
- Established git workflows, code reviews, and branch policies; set up and monitored

CI/CD pipelines and Azure infrastructure.

Stack: .NET, C#, ASP.NET Core, Azure Service Bus, Azure Storage Queue, Akka.NET, React, NodeJS, Azure, Identity Server, Entity Framework Core, SQL Server, Azure DevOps

Senior Software Engineer | Vatebra Limited | Nigeria April 2015 – Dec 2019

Team Lead – Government & Educational Solutions (WAEC, Edo State, West Africa).

- Reduced WAEC result processing time from 12 hours to 5 minutes via bulk insert and in-memory result transposing.
- Designed and implemented Edo State Lottery Tax System, WAEC Sierra Leone Result Verification & PIN Vending, and WAEC Ghana Item Banking solution.
- Built an LTI-compliant eLearning solution (Scholar Room).

Stack: .NET, C#, ASP.NET MVC 5, ASP.NET Core, Web API 2, Entity Framework, SQL Server, Telerik, Kendo UI

Senior Software Engineer | Zitech Information Systems | Nigeria April 2012 – April 2015

- Designed and built a job board, personality portal, and test management system (TMS).

Stack: .NET, C#, ASP.NET Webforms, Entity Framework, SQL Server, Telerik

Software Engineer | Dragnet Solutions | Nigeria Jan 2009 – April 2012

- Built computer-based testing solutions including a Keirse temperament sorter, SQL Server backup utility, and customisable job application portals.

Stack: .NET, C#, ASP.NET Webforms, Entity Framework, SQL Server, Telerik, Javascript

Software Engineer | Kerildbert Holdings Limited | Nigeria Jan 2008 – Jan 2009

- Design / development / maintenance of a logistics solution that runs the business.
- Design / development / maintenance of company's website
- Generating custom reports for management.
- Desktop / network support

Stack: .NET, C#, ASP.NET Webforms, SQL Server, Telerik, Javascript

EDUCATION

Post Graduate Program in AI/ML & Business Analytics 2024 – 2025

University of Texas at Austin

B.Eng, Mechanical Engineering 1999 – 2004

University of Benin, Nigeria

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

MCP – Microsoft Certified Professional

Microsoft Specialist: Developing ASP.NET MVC Web Applications

Microsoft Certified Solutions Developer: Web Applications

Microsoft Certified Technology Specialist: Sql 2008 Database Development (MCTS: 70-433)

Microsoft Specialist: Programming in HTML5 with JavaScript and CSS3

Microsoft Specialist: Microsoft .NET Framework - Application Development Foundation

MCP Transcript: [View my certification on credly](#)