

ELIJAH ARIYIBI

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.NET BACKEND DEVELOPER

Software Engineer with 4 years of experience in designing, developing, and maintaining enterprise and eCommerce applications, delivering scalable, secure, and high-performance solutions. Skilled in full-stack development, RESTful APIs, database design, and Agile collaboration, with expertise in ASP.NET Core, C#, Angular, JavaScript, and SQL Server, consistently driving business growth and operational efficiency. AWS-certified cloud professional with proven ability to design and deploy scalable cloud solutions.

- System Design and Architecture • API Design and Integration • Performance Optimization and Scalability
- Security and Data Integrity • Problem-Solving and Innovation • Cross-Platform Development • DevOps

Languages: C#, TypeScript, JavaScript

Web: HTML5, CSS3, SCSS/SASS

Web Services: REST APIs, GraphQL, SOAP, gRPC, WebSocket, SignalR

Web/App Servers: IIS, Apache Tomcat, Nginx, Kestrel, Azure App Service

Frameworks: ASP.NET Core, ASP.NET MVC, Entity Framework, Angular

Databases: MS SQL Server, PostgreSQL, Oracle, MongoDB, Redis, Azure SQL Database, AWS DynamoDB

Design Patterns: CQRS, Event-Driven Architecture, Repository Pattern, Dependency Injection, MVC, MVVM, Factory

SDLC: Agile, Test-Driven Development (TDD)

Tools: Visual Studio, Git, Docker, Jenkins, Azure DevOps, Postman, Swagger

Platforms: Windows Server, Linux (Ubuntu/CentOS), AWS Cloud Platform, Azure Cloud Platform, Docker Containers

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

PROFESSIONAL EXPERIENCE

FINTRAK SOFTWARE COMPANY, Gbagada, Nigeria • 03/2021 – 01/2025

A leading provider of innovative financial technology solutions, dedicated to transforming the financial services industry through cutting-edge software applications.

Software Developer III (04/2023 – 01/2025)

Led development of Bank Reconciliation and ERP billing modules for Nigerian banks, overseeing backend architecture, API integrations, and team delivery of scalable fintech solutions.

- Architected scalable backend for Bank Reconciliation system with ASP.NET Core and C#, optimizing performance, data handling, and seamless ERP integration.
- Developed RESTful APIs with ASP.NET Core and Entity Framework for Bank Reconciliation, enabling seamless banking integration and supporting complex pricing and subscriptions.
- Engineered ERP billing module with ASP.NET Core, integrating multiple payment gateways to streamline transactions and reduce billing discrepancies by 15%.
- Implemented robust data validation and reconciliation algorithms using C# and SQL Server, reducing error rates by 20% and enhancing accuracy in financial reporting for regulatory compliance.
- Optimized SQL queries and database indexing for reconciliation processes using SQL Server, improving overall system performance and reducing response times by 30%.
- Integrated Redis caching layer to reduce redundant database calls and improve API response times by ~25%, enhancing scalability under high transaction loads.
- Leveraged Redis pub/sub for efficient event-driven messaging between reconciliation microservices, reducing latency in financial data processing.
- Implemented session and state caching with Redis for ERP billing workflows, ensuring smoother user experiences during high-volume billing operations.
- Integrated third-party APIs via RESTful services for automated transaction retrieval, enhancing real-time reconciliation and improving processing efficiency by 30%.
- Spearheaded cross-functional collaboration with finance, operations, UX/UI, and QA teams using Agile, delivering compliant solutions that met client expectations and deadlines.

Technologies Used: ASP.NET Core, C#, SQL Server, Entity Framework, RESTful APIs, CentralPay API, NIBBS Direct Debiting Payment API, Git.

Software Developer II (03/2021 – 04/2023)

Developed and maintained ERP modules for finance, product, procurement, vendor, and customer management.

- Developed ERP modules for Finance, Product, Procurement, Vendor, and Customer using ASP.NET Zero and Angular, contributing to full enterprise solution implementation.
- Implemented budgeting, accounting, and reporting features in Finance module using C# and SQL Server, improving financial processing efficiency by 20%.
- Optimized SQL Server database performance by implementing query optimization and indexing strategies, reducing data retrieval times by 15% and enhancing overall system responsiveness.
- Engineered intuitive and responsive user interfaces using Angular and TypeScript, enhancing user experience and reducing support queries by 10% while ensuring cross-browser compatibility.
- Created a customer portal with Angular and ASP.NET Core, integrated with ERP, providing real-time order, invoice, and support access, boosting engagement by 15%.
- Established comprehensive documentation and conducted peer code reviews for all ERP modules using Git version control, ensuring code quality and adherence to best practices while maintaining system stability.

Technologies Used: ASP.NET Zero Framework, ASP.NET Core, Angular, TypeScript, SQL Server, Entity Framework, Git.

INTERNSHIP EXPERIENCE

Fintrak Software Company, Lagos, Nigeria • 05/2020 – 03/2021

A top-leading financial technology company in Nigeria with subsidiaries across Africa.

Software Developer Intern

- Assisted in developing ASP.NET Core backend services with C# and Entity Framework, supporting code maintenance, testing, and enterprise software development.
- Contributed to frontend development using Angular and TypeScript, assisting in creating responsive user interfaces and gaining experience with modern web development frameworks and best practices.
- Gained practical exposure to CI/CD practices and version control systems using Git, learning industry-standard development workflows and collaboration techniques for team-based software development.
- Participated in comprehensive training for ASP.NET Core, Angular, and financial systems development, building foundational skills in full-stack development and understanding of complex financial technology solutions.

Technologies Used: C#, ASP.NET Core, Angular, TypeScript, Entity Framework, Git.

ACADEMIC PROJECTS

Maharishi International University (2025)

- **Product Review Platform:** Developed as part of master's in computer science to demonstrate practical application of software engineering, database design, and web development concepts using React, Express, Node.js, and PostgreSQL.
 - **Black Jack Game Application:** Developed a gaming application using AWS Serverless architecture to demonstrate cloud computing skills, including serverless functions, event-driven design, and scalable deployment with React and Node.js.
 - **Spring AI Application:** Developed an AI-powered application with Spring Boot, integrating machine learning models for intelligent data processing and decision-making, implementing RESTful APIs and scalable backend services.
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PERSONAL PROJECTS

Budget-Expense Management (2025): Developed a personal finance app with ASP.NET Core MVC, C#, and SQL Server, featuring authentication, expense tracking, budgeting, and financial reporting with responsive, cross-platform design.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Cloud Computing, Algorithm, Enterprise Architecture

Bachelor's Degree in Biotechnology

Ekiti State University, Ado-Ekiti, Nigeria (06/2019)

CERTIFICATIONS

[AWS Certified Developer Associate](#) (11/2023)

[AWS Certified Cloud Practitioner](#) (09/2023)