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# MICHAEL YALEKHUE

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## CORE COMPETENCIES

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- Microsoft .NET
- C#, HTML and CSS
- Microservices
- JavaScript, Typescript, Angular
- SQL Server, MySQL
- Microsoft Azure

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## PROFESSIONAL SUMMARY

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Solution-oriented .NET Software Developer with experience designing and implementing scalable, secure solutions and web application development for complex systems across diverse industries. Possess working knowledge in web services technologies, microservice architecture, and development of Service-Oriented Applications (SOA) based on Rest APIs using Microsoft .NET Framework.

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## EXPERIENCE

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**Backend Developer (Intern)**, 08/2021 - 02/2022

**Triversa Solutions Limited**

- Created a comprehensive financial and Anti-Money Laundering (AML) reporting enterprise application for collaboration between government agencies and banking institutions. This project utilized a microservice architecture, incorporating tools such as Azure Service Bus, SQL Server, and Docker. It featured three key services: the core AML application for identifying suspicious transactions, the AML reporting solution for generating transaction reports in multiple formats (JSON, XML, and Excel), and an ETL application for extracting and managing customer data.  
The tools used in the development of this project are:  
.NET 5, and later updated to .NET 6, JavaScript, SQL Server, Oracle, Docker, Microsoft Azure, Git.
- Developed and assisted in creating a Failed Bank Management System, a Deposit Insurance Solution for the Nigeria Deposit Insurance Corporation (NDIC). This system facilitates the swift resolution of failed banks by disbursing funds to all stakeholders (Depositors, Creditors, and Shareholders) from assets recovered, including loan recoveries, sales of bank-owned physical assets, investments, and collateral sales through judgment enforcement. The development of this project utilized .NET v4.7, JavaScript, Telerik reporting, SQL Server, IIS, and Git.
- Responsible for designing and developing an ETL process to efficiently manage and process a large volume of customer data.
- Enhanced the performance and scalability of complex SQL stored procedures through meticulous tuning and optimization efforts.

**Web Developer**, 03/2024 - 06/2024

**COSTA INVESTMENT PROPERTIES LIMITED**

- Developed and sustained a cutting-edge Property Management Solution leveraging Artificial Intelligence, utilising Angular and API technologies. This platform provides homeowners and tenants with a user-friendly online software for handling property services, encompassing tenant information management, payment processing, financial report generation, and additional functionalities.
- Designed and implemented a user-friendly expense tracking system within the property management software, ensuring accurate and efficient recording of all expenses associated with each property. Collaborating with a cross-functional team, I integrated expense tracking with other modules such as rent collection, maintenance, and financial reporting. Additionally, I developed features for categorizing expenses, uploading receipts, and setting up recurring expenses to streamline property management tasks.
- Implemented secure in-app messaging to enhance communication between property managers, tenants, and service providers, improving user experience and operational efficiency. Additionally, I developed automated email and SMS notification systems to provide timely updates and reminders for important events such as rent due dates, maintenance schedules, and lease renewals. Furthermore, I enabled

easy and secure sharing of essential documents, including lease agreements, invoices, and maintenance reports, streamlining communication and document management processes.

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## PROJECTS

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### Light Weight E-Commerce Solution

**Project Overview:** Developed a comprehensive light weight deployable e-commerce solution leveraging the ASP.NET framework, integrating secure payment processing, and deploying the application to a cloud platform.

- **Backend Development:** Utilized .NET 8 to create a robust API, ensuring high performance and scalability for the e-commerce solution.
- **Frontend Development:** Implemented the user interface using Angular and JavaScript, providing a seamless and interactive user experience.
- **Payment Integration:** Configured and integrated Stripe's payment API to facilitate secure online transactions.
- **Database Management:** Designed and managed the database using SQL Server, ensuring efficient data storage and retrieval.
- **Cloud Deployment:** Deployed the project on Microsoft Azure, ensuring high availability and reliability of the application.
- **Version Control:** Used Git for source control, enabling efficient collaboration and version management.
- **Design Principles:** Applied S.O.L.I.D design principles and dependency injection to create a maintainable and extendable codebase.

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## EDUCATION

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**Bachelor of Science:** Computer Science, 09/2019 - 07/2023  
**Benson Idahosa University**