ADA PATRICK

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Profile

I am a self-motivated software engineer with a strong passion for developing innovative programs that enhance efficiency and productivity. My insatiable curiosity and desire for knowledge drive me to continuously explore and research new technologies and concepts. Over the years, I have gained extensive expertise in C#, Java, and JavaScript programming, along with various web frameworks. I consider myself a specialist in C# and the .NET ecosystem, as I have consistently utilized C# and the .NET framework in the development of web, mobile, and desktop applications professionally. Moreover, I have a special affinity for the .NET platform.

I am actively seeking challenging opportunities within the .NET and DevOps engineering ecosystem with the purpose of honing my skills. I am dedicated to improving in what I love while also contributing to organizational growth and productivity wherever I find myself.

Professional Experience

Software Engineer, *ZEALHOSTS CONSULTING*   01/2023 – present
                                                              Lagos, Nigeria
- My team of six and I implemented microservices for a video conferencing app using Java, Python, and C#/.NET. We utilized ASP.NET MVC to integrate with the microservices (APIs) built with Python and Java. We used Spring Boot and Hibernate (ORM) for Java, and Django ORM for Python to interact with databases, including PostgreSQL, MySQL, and MS SQL Server.
- I wrote unit tests to ensure code quality and reliability.

IT-Infrastructure/DevOps Engineer(Internship), *Bincom Technologies*   01/2023 – 06/2023
                                                                                 Lagos, Nigeria
- Learning and assisting in the management of containerization technologies like Docker and Kubernetes to support microservices deployment.
- Assisting in the implementation and maintenance of CI/CD pipelines to support the build, testing, and deployment processes for software applications.

Software engineer(C#/.NET), *DECAGON*   01/2022 – 12/2022
                                                          Lagos, Nigeria
- I was a member of a team responsible for developing, architecting, and implementing a microservices architecture for a Payment Gateway within the FinTech industry. We successfully implemented four distinct payment channels, covering card payments, bank transfers, USSD transactions, and crypto/digital currency payment options. Our technology stack included ASP.NET Web API for the services, Identity Server 4 for authentication, and Azure Service Bus for message queuing. Additionally, we used ASP.NET MVC for the frontend/UI, which involved server-side rendering.
- Built a student and tutor web API to help ease digital communication of content. Used third-party services to store images on Cloudinary. Used - C#, Asp.Net Core Web API, MS SQL Server, Entity Framework Core, etc.

Backend Developer(C#/.NET), *E.W TECHNOLOGIES LTD*   11/2018 – 12/2021
                                                              Lagos, Nigeria
- I started as an intern at E.W Technologies and was fortunate to learn the basics of C#/.NET, HTML, CSS, JavaScript, DOM manipulation, and jQuery, along with other technologies.
- I collaborated with a team of five to build a Hotel Management platform where travelers can book reservations.

Technologies and Skills

Skill		Skill	
C#/.NET(.NET CORE)	▬▬▬▬▬	ASP.NET WEB API	▬▬▬▬▬
ASP.NET MVC	▬▬▬▬▬	BLAZOR	▬▬▬▬▬░
.NET MAUI	▬▬▬▬▬	JAVASCRIPT	▬▬▬▬▬
ANGULAR	▬▬▬▬▬	DAPPER ORM	▬▬▬▬░░
ENTITY FRAMEWORK CORE	▬▬▬▬▬	PostgreSQL	▬▬▬▬▬
MongoDB	▬▬▬▬	MICRO-SERVICES	▬▬▬▬▬
APACHE KAFKA	▬▬▬▬	DOCKER	▬▬▬▬░
KUBERNETES(K8s)	▬▬▬▬	GIT	▬▬▬▬░
AZURE DEVOPS SERVICES	▬▬▬▬▬	AMAZON WEB SERVICES	▬▬▬▬░
LINUX OS	▬▬▬▬▬	ANSIBLE	▬▬▬▬▬
TERRAFORM	▬▬▬░	JENKINS	▬▬▬▬░

Projects

TUTORS-STUDENT API ⬈
A student and tutor web API to help ease digital communication of content on a specific field of study.
Technologies: Used - C#, ASP.Net Core Web API, PostgresSQL Server, Swagger documentation, Entity Framework Core(ORM), JWT authentication, and Implemented Identity Membership using ASP.NET Core Identity.

BANK APPLICATION ⬈
A Banking application that mirrors a real-life banking system. Users have the option of creating savings or current Accounts, and carry out banking services like deposit, transfer and withdrawal in real time.
Technologies: Used ASP. NET 6.0, WinForms, Entity Framework core(ORM), and MS SQL Server for Database Persistence.

HOTEL MANAGEMENT SYSTEM ⬈
A platform where travellers can book reservations.
Technologies: Used - C#, ASP.Net Core MVC, MS SQL Server, Entity Framework Core(ORM), JWT authentication.

E - LIBRARY ⬈
An online Book library where users have access to a wide range of books. Users can easily search for books by author, title, keyword, and be able to browse by genre or category.
Technologies: Used - C#, ASP.Net Core web API and ASP.Net core MVC.

Education

Certificate of higher education(Software engineering), *E.W Technologies*   10/2022

Bachelor of Science: Economics, *Niger-Delta University*   10/2008 – 06/2013

Certificates

- IT-INFRASTRUCTURE/DevOps Certified
- JOBBERMAN soft skills Certified.
- NIIT MICROSOFT Desktop Certified
- Scrum fundamentals Certified.