Daniel I. Onyeani-Nwosu

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LinkedIn | Github | Portfolio

Professional Summary

Innovative and results-driven Senior Software Engineer with over six years of experience in full-stack development across startups, fintech, and automotive industries. Proven expertise in designing scalable architectures, implementing RESTful APIs, and leading engineering teams. Adept at leveraging cloud technologies to enhance system performance and reliability. Committed to fostering a collaborative and agile development environment.

Qualifications

- **6+** years of work experience as a **FullStack Software Engineer** with Startups, Fintechs and Automotive Companies
- Proficient in addressing intricate issues through strategic thinking, all while aligning with high-level design patterns to achieve defined objectives.
- Skilled in designing **RESTful APIs**
- Experience designing and implementing **CI/CD** Pipelines with **Jenkins, AzureDevOps** and **GitHub Actions**
- Expertise in **Node.JS** , **Angular, React, C#**, **Python**, **Java, Groovy** and **Shell** scripting
- Experience with cloud technologies such **Azure**, **Docker**, **Kubernetes**
- Proficiency with designing **unit tests** and **automating test cases** to improve software quality
- Experience with SQL, TSQL, database design
- Experience with **SDLC** and version control management tools like **GIT**, **GitHub, SVN**
- Demonstrated ability to work in teams in an **Agile** environment
- Leadership Experience; Team building and management
- Experience developing **Generative AI** Software with **ChatGPT**, **GitHub Co-Pilot** and **MidJourney**
- Explore my portfolio showcasing diverse projects : Portfolio

Technical Skills

- **Programming Languages and Libraries:** C#, Python, Django ASP.Net MVC, Web REST API, .NET Framework/Core Javascript, React, Angular, Typescript, NodeJS, HTML5, CSS3**,** C/C++, Java, Android SDK
- **Cloud Computing:** Azure Cloud , AWS Cloud, GCP, IBM Cloud (AI)
- **Project Management Tools:** SDLC, **Scrum**, **Agile**, Iterative, Waterfall, **JIRA**, **Trello**, Slack, Zoho Project
- **Database Systems: MS SQL**, GraphQL, MongoDb, MySQL, SQLite
- **Version Control: GIT**, SVN, GitHub, Bitbucket, SourceTree
- **Operating Systems:** Windows, **Unix** and **Linux**
- **Prototyping Tools:** Figma, InVision, Proto, Sketch
- **Testing Automation:** Jenkins CI/CD Pipeline, Pytest, JUNIT

Related Experience

Senior Software Engineer - *AutoSync Platform Team*   January 2024 - May 2024
AutoTrader, Toronto, Ontario
Project Type: Web Development, API Development and Integration, Database Management, System Design and Architecture
Language and Technology: C# .NET, .NET Core, Angular, Typescript, SQL, MongoDB, Postgre, Azure Cloud, GitHub, Figma
- Architected solutions to enhance the scalability and reliability of our platform, supporting a growing user base
- Implemented advanced synchronization features that improved data accuracy and reduced latency
- Maintained continuous integration and continuous deployment for applications
- Unified vehicle inventory and pricing data fetch to improve accuracy across all platforms and increased fetch speed by 30%
- Reviewed and updated technical documentation to simplify knowledge sharing and onboarding
- Collaborated with other senior engineers and tech leads; providing domain knowledge and SDLC expertise

Senior Software Engineer - *OEM Integrations Team*   January 2023 - January 2024
AutoTrader, Toronto, Ontario
Project Type: Web Development, API Development and Integration, Database Management, System Design and Architecture
Language and Technology: C# .NET, .NET Core, Angular, Typescript, SQL, Azure Cloud, Git, Miro
- Integrating third-party APIs and services to enhance functionality and streamline processes
- Designing and implementing scalable and resilient architectures, accommodating rapid user and data growth
- Led the end-to-end development of complex software products, from conceptualization to deployment, resulting in successful market launches
- Mentored and guided junior engineers in designing and developing several features to drive business initiatives ensuring requirements are met in a timely manner.
- Excellent communication skills to interact with cross-functional teams and stakeholders in an Agile environment, promoting a culture of innovation and collaboration
- Optimizing performance of existing workflows with Durable Azure Functions and Parallelism to increase service up-time by 70%
- Providing detailed feedback in Pull Request reviews
- Maintaining continuous integration and continuous deployment for applications
- Creating reusable foundational infrastructure and templates which reduced development time of new business initiatives and features by 50%.
- Creating comprehensive technical documentation to simplify knowledge sharing and onboarding
- Creating tech debt tickets and identifying technological optimizations needed to ensure long-term health of features and business initiatives.
- Hosting team lunch and learn sessions focussed on creating awareness on new technologies

Software Engineer - *Digital Retail Team*   January 2022 - December 2022
AutoTrader, Toronto, Ontario
Project Type: Web Development, UI/UX Implementation, API Development, Database Management, Application Support
Language and Technology: C# .NET, ASP NET MVC, Razor Script, Angular, Typescript, Nodejs, Html, CSS, JavaScript , SEO, Azure Cloud, Git, Bitbucket, Invision

- Performed root cause analysis on system errors, identifying corrective action and liaising with engineering team members to resolve issues
- Implemented SEO on Marketplace site pages to increase page rankings on google by 61%
- Led onboarding of 12+ software engineers familiarizing them with company's best practices and convention
- Mentored and guided junior engineers in designing and developing several features to drive business initiatives.
- Enhanced data security using proxy third-party API to secure integrity of consumer information

Software Engineer   -   *Marketplace Team*   June 2021 - December 2021
AutoTrader, Toronto, Ontario
Project Type: Web Development, UI/UX Implementation, API Development, Database Management, Application Support
Language and Technology: C# .NET, ASP NET MVC, Razor Script, Angular, Typescript, Nodejs, Html, CSS, JavaScript , SEO, Azure Cloud, Git, Bitbucket, Invision

- Performed root cause analysis on system errors, identifying corrective action and liaising with engineering team members to resolve issues
- Mentored and guided junior engineers in designing and developing several features to drive business initiatives.
- Performed code review for frontend and backend code changes
- Maintained continuous integration and continuous deployment for applications
- Collaborated and communicating effectively with stakeholders and engineering teams throughout the organization

Full Stack Software Developer   Nov 2020 - May 2021
CogniLore, Gatineau, Quebec
Project Type: Web Development, UI/UX Design, API Development, Database Management, Application Support
Language and Technology: C#, .NET, CSS, ReactJs, Typescript, Nodejs, MSSQL, XML, JSON, HG Tortoise, Figma
- Developed new features for already existing products
- Designed UI/UX for new Admin Dashboard and Client Reader Platform
- Developed and Design SOAP/RestFul APIs (microservices)
- Developed and Managed Databases
- Collaborated and communicated effectively with stakeholders throughout the organization
- Decomposed requirements into system and software functional designs

Security / Safety Development   Jan 2020 - Aug 2020
BlackBerry QNX, Ottawa, Ontario
Project Type: Test Automation, Process management, OS services, Key libraries and File systems
Language and Technology: C/C++, Python, PyTest, Jenkins, Groovy, XML, JSON, SVN, Gitlab
- Designed and Integrated unit test cases for the core OS
- Resolved safety/security impacting defects
- Designed Jenkins Pipeline for continuous integration and deployment of OS features

Software Engineer   Feb - November 2018
Appzone, Lagos, Nigeria
Project Type: Cloud-based, Web, Mobile, API, Microservices
Language and Technology: C#, REST API, SQL Server, React.js, HTML, XML, JSON, CSS, Javascript, Azure
- Developed and enhanced Cloud-Based Internet Banking solutions for micro-finance banks and other financial service providers using the company's in-house CMS and cloud framework (**DejaVu**)
- Worked closely with clients and stakeholders to understand requirements and deliver tailored solutions
- Created and customized workflows to automate business process for several customers with DejaVu
- Collaborated and communicated effectively with stakeholders throughout the organization
- Worked closely with testers to ensure quality of products delivered
- Participated and contributed to code reviews, demos, and sprint planning sessions according to Agile best practices.
- Decomposed requirements into system and software functional designs.
- Recognized by CEO for estimated return on investment of the internet banking solution delivered

System Integrator and Application Support   Sept 2016 – Feb 2018
Appzone, Lagos, Nigeria
Language and Technology: C#, SQL Server, SOAP/REST API, Azure
- Provided client support, both remotely and in person, to troubleshoot and resolve all technical problems including database, code, operating system, web-server, integration, networking and hardware issues
- Involved in project implementation activities such as deployment, configuration, integration testing and data migration
- Detected and resolved code-related application bugs
- Provided reliable interface between client system integration and business unit during implementation, maintenance and support engagement by giving timely work progress updates

Academic Projects

CountryClub Social Network - Team Project - University of Windsor
Technology : C# .Net Framework, MVC, HTML, CSS, Javascript, SQL Server Studio, EntityFramework, Git
- Collaborated with a team of 4 to develop and design the software architecture including the entities and their relationship.
- Created module for user post and comment management: https://github.com/Driaque/CountryClubAPI

Heuris AI - Team Project - University of Windsor
Technology : Java, Android SDK, IBM Watson
- Worked in a team of 4 to develop and test a mobile application that captures images and identify the objects in the image using IBM Watson Visual Recognition Service and Android SDK: https://github.com/Driaque/HeurisAI

Education

Master of Applied Computing   -   University of Windsor, Windsor, Ontario
Bachelor of Science, Computer Information Systems -   Babcock University, Ilishan-Remo, Ogun State, Nigeria

Certifications

Azure Developer Associate (In View)	Microsoft	July 2024
AWS Foundations	University Of Windsor	August 2019
Applied Machine Learning using Python	University Of Windsor	August 2019
SCRUM Workshop	University Of Windsor	July 2019
IBM Cloud Essentials	CognitiveClass.ai	March 2019