

DOMINIC ANI

US CITIZEN

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CAREER OBJECTIVE

Dominic is an AWS-Certified solutions architect and Senior Leader in Software Engineering, with proven track record of leading large scale technology teams and delivering technology products within remarkable sensitive deadlines. A result-driven, highly analytical, creative and innovative leader with many years of experience in multiple industries leading diverse teams in geographically dispersed locations. Expertise in leading the planning, research, design, implementation, delivery, operation, maintenance, and support of robust, fault-tolerant enterprise products and platforms.

Interested in a career position that offers opportunities to lead teams in applying Artificial Intelligence (AI) and innovative technologies to solving organization's business challenges effectively and efficiently.

AREAS OF EXPERTISE

- ❖ Application Development Management.
- ❖ Fault-tolerant Enterprise Products Delivery.
- ❖ Application Development.
- ❖ Leading Software Development Life Cycle.
- ❖ Cloud Computing (AWS and Cloud Foundry).
- ❖ Architecting and implementing highly resilient cost-effective Cloud solutions.
- ❖ Scalable Distributed system design and implementation.
- ❖ Team building, development, mentoring and leadership.
- ❖ Database development and Management.
- ❖ Developing business plans and requirement specifications.
- ❖ Quality Assurance, Control. And Risk Management.
- ❖ Budget Management.
- ❖ Excellent communication skills across levels of the organization.

TECHNOLOGIES

- ❖ GenAI, Deep Learning, Neural Networks, Computer Vision.
- ❖ Solid knowledge of C#, Java, and python programming languages.
- ❖ Solid knowledge of LLM, Machine Learning, Computer Vision, ASP.Net, MVC, GUI, ADO.NET, LINQ, Entity Framework, AJAX, HTML, CSS, Windows Forms, XML, WCF and Web Services Frameworks, Spring boot, Spring Frameworks, AWS, REST.
- ❖ Skilled in Database Design and Development using technologies like: SQL, T-SQL, MS SQL Server, Oracle, NoSQL, Object Oriented Design / Programming, Microservices.
- ❖ Proficient use of TFS, IIS, Bitbucket, Jenkins, CI/CD pipeline, Gits, Agile Framework, Scrum.
- ❖ API development and management.

EDUCATION

- ❖ PhD Student in Computer Science, with Research Interest in Artificial Intelligence
University Of North Texas, USA Current
- ❖ **Master of Science in Network Systems (Distinction)**
University of Sunderland, England, United Kingdom 2010
- ❖ **Bachelor of Science, Computer Science (GPA: 3.76)**
Nnamdi Azikiwe University, Awka, Anambra, Nigeria 2005

Professional Skills

Agile
Scrum
Java
Spring Framework
Spring Boot
Python
React
.NET Framework
ASP.Net
ASP.NET MVC
C#
Windows Forms
AngularJS
Angular 6
Bootstrap
WCF
ADO.NET
GUI
Entity Framework
T-SQL
LINQ
AJAX
Web Services

CERTIFICATIONS

❖ AWS-Certified Solutions Architect (Associate)	2022	OOD/P
❖ Cisco Certified Network Associate	2011	
❖ Sun Certified Java Programmer	2006	XML
WORK HISTORY		
❖ Vice President SOFTWARE ENGINEERING JPMorgan Chase & Co, Plano, TX USA	September 2018 - Present	HTML
<p>ACCOMPLISHMENTS: My team uses GenAI and Architecture-as-a-Code, to build an architectural platform that is used by an entire LOB for engineering and architectural governance, thereby setting the pace and standards for thousands of engineers and hundreds of teams. My previous team delivered products used to manage home lending processes that served millions of home buyers.</p> <p>PROJECTS:</p> <p>Data Center Migration, Building and Delivery of AWS Cloud Native Applications</p> <ul style="list-style-type: none">✓ Senior Engineering manager responsible for leading and managing teams of onsite and offshore engineers responsible for designing, execution and delivery of software products.✓ Managing team’s workloads and making sure that they are completed within projected deadlines.✓ OKR planning for the team in partnership with senior leadership.✓ Mentoring software engineers on new technologies and defining standard for essential procedures.✓ Holding one-on-one meetings with team members, conducting performance reviews in accordance with KPI, evaluations, and hiring process.✓ Providing supervisory roles on architecting AWS-native cloud applications.✓ Collaborating with upper management in building cross-functional alliance in driving product features.✓ Driving design discussions for distributed applications designs that integrated many third-party tools like Splunk and Dynatrace to the application for monitoring.✓ Drives engineering best practices, and sometimes, performs engineering work by designing and implementing Liquibase for Database deployment, Implementing Kerberos authentication to meet the security standard of the firm.✓ Managed cross-functional teams charged with migrating on-premises applications and on-premises Oracle Database to the Cloud Data Center.✓ Leading and co-ordinating conversations between Development, Quality Assurance (QA), Business, Production Support and Product teams, to test and validate all phases of the application, and certify all standards are met. <p>Application Modernization (Application Manager and Team Lead)</p> <ul style="list-style-type: none">✓ Led teams of onsite and offshore engineers to modernize the application and migrate the application to company’s private cloud environment.✓ Implemented and integrated IDAnywhere in the application for Single Sign-On.✓ Re-designed and upgraded the application to use EPV for application/DB credentials management.✓ Implemented CI/CD pipeline using Jules (Jenkins) for rapid application deployment.✓ Led the implementation of Sustained Reliability (SR) test post migration. <p>Application Modernization (Development Lead)</p>	JavaScript	
	JQuery	
	Telerik Controls	
	CSS	
	SQL SERVER	
	SQL	
	Sitefinity	
	Visual Studio	
	Windows Operating System	
	Microsoft Visio	
TFS		
IIS		
SSIS		
ServiceNow		
EKS		
ECS		

- ✓ When manager couldn't hire an Ab-Initio resource within the short, allotted time, I quickly learnt Ab Initio, led a team of onsite and offshore engineers in re-designing ab-initio application and deploying to Hadoop Clusters. This saved the team, and the firm estimated amount of \$5M per year in License costs.
- ✓ Implemented changes for the ab-initio jobs to Extract data from Oracle DB, Transform, and then Load it to SQL server DB, to be consumed by a web-application.
- ✓ From conception to finish, I implemented a batch application to transfer DB data across heterogenous databases, this helps ensure business continuity and multi-reports generations

Application Modernization and Migration to private cloud (Cloud Foundry)

- ✓ Worked with other engineers in re-writing a .NET application to Java Micro-services and APIs.
- ✓ Rewrote the UI of the application using Angular 6
- ✓ Implemented and integrated IDAnywhere using Java and Angular
- ✓ Integrated and implemented Splunk and Dynatrace to the application for monitoring.
- ✓ Integrated and Implemented Active Directory Federation Service (ADFS) to the application.
- ✓ Migrated the application to firm internal private cloud (Cloud Foundry)

Application Modernization (Individual Contributor and development lead)

- ✓ Rewrote three .NET applications and consolidated them into one application.
- ✓ Implemented RESTful API for the consolidated application's business logic and AngularJS for the UI.
- ✓ Rewrote sql scripts to Stored Procedures.
- ✓ Implemented Unit Tests.
- ✓ Peer-Reviewed other developers' codes and mentored new team members

TECHNOLOGIES used include: Java, Python, IDAnywhere, LDAP, SSIS, Ab Initio, Hadoop, AWS, GAIA (Cloud Foundry), ASP.NET MVC, ASP.NET Web API, C#, .NET Framework, IIS, MS SQL, SQL Server management, T-SQL, ADO.NET, Entity Framework, NUnit, HTML, CSS, XML, JavaScript, Bootstrap, Angular 6, SSIS, Agile Methodology, Terraform, Microservices, Java, AWS, EC2, Kubernetes, EKS, Docker, ECS, Sonar, AppViewX, ServiceNow, Spring Framework, Spring Boot, CI/CD.

❖ SENIOR SOFTWARE ENGINEER

March 2016 - Aug 2018

Charter Communications (Time Warner Cable), Dallas, TX USA

ACCOMPLISHMENTS: My team developed, delivered and supported application used to manage cable TV sales and TV programs for millions of customers.

- ✓ I worked with business owners to specify and develop functionalities of sales applications.
- ✓ I architected and designed the applications.
- ✓ I use .NET Technologies to develop and add new features to existing application used by the Media department for market analytics and prediction.
- ✓ I also work on new start-up applications used by the Business to support Advertising Media Sales.
- ✓ Developing and managing Rapid Response Reports used for scheduling, analysing, and predicting advertising sales.
- ✓ I support live Production applications.
- ✓ I work as the lead developer on payment application used by the Finance department of the company.

TECHNOLOGIES used include: ASP.NET MVC, ASP.NET Web API, C#, .NET Framework, IIS, MS SQL, SQL Server management, T-SQL, ADO.NET, Entity Framework, NUnit, HTML, CSS, XML, JavaScript, Bootstrap, Angular, JQuery, Dev Express, WCF, TFS, SSIS, Tableau, Authorize.net, Azure, Knockout. Agile Methodology, Fiddler.

❖ SOLUTION ENGINEER

January 2015 - January 2016

Deloitte Consulting LLP, Lake Mary, FL USA

Pfizer Inc

- ✓ Worked with client and Business Analysts in gathering requirements and developing technical specifications.
- ✓ Led the Design of the system architecture and class diagrams of a start-up application used by the pharmaceutical organisation for contract modelling.
- ✓ Developed the code for client API/DLL that interface between Excel Ribbon and Web service applications.
- ✓ Developed automated Unit Test for the entire application.
- ✓ Trained other team members on JIRA best practices.
- ✓ Led the setting-up and management of Serena Dimensions for change and configuration management.

Office of the Comptroller of the Currency

- ✓ Worked with other team members to deliver on time, system enhancement for a credit issuing application.
- ✓ Designed, developed, and integrated the assigned tasks including credit import and export features.
- ✓ Designed database tables and wrote stored procedures used in implementing the new application enhancements.
- ✓ Review codes/works of other team members.

Firm's Internal Projects

- ✓ Designed and implemented internal/SSO, Social, and Form Login features of a Planning Poker game application.
- ✓

TECHNOLOGIES used include: ASP.NET, ASP.NET MVC, ASP.NET Web API, Windows Forms, C#, .NET Framework, COM Interop, Jazz, , IIS, MS SQL, SQL Server management, T-SQL, ADO.NET, Entity Framework, HTML, CSS, XML, JavaScript, Bootstrap, AngularJS, JQuery, Telerik Controls, WCF, JIRA, SVN, MongoDB;

❖ .NET DEVELOPER

January 2013 - December 2014

Corbus LLC, Dayton, OH USA

ACCOMPLISHMENTS: Our team built a platform used to manage loyalty programs (rebate) and our platform was used by many fortune 500 companies to manage their loyalty programs

- ✓ Participated in software modules development spanning all levels of SDLC;
- ✓ Performed Unit testing on developed applications.
- ✓ Participated in requirements gathering and analysis.
- ✓ Responsible for client application support.
- ✓ Troubleshooting of application for bugs and fixes.
- ✓ Responsible for a client's application release.
- ✓ Responsible for configuring client applications to work in a new Cloud environment.
- ✓ Development of a web application platform and support of Clients' applications and sites,
- ✓ Development and Integration of new Modules into client's application using Sitefinity CMS 5.0, supporting the client's production site; and front-end customization of the site based on client's request.

- ✓ Responsible for client's site contents update and publishing using Sitefinity 5.0 and production deployment after application changes.
- ✓ Client's Applications Migration to a new Data Center.
- ✓ Managed IT professionals including Offshore team members and successfully delivered products used by a global company to advance its ecommerce marketing strategy.
TECHNOLOGIES used include: ASP.NET, MVC, Windows Forms, C#, .NET Framework, TFS, IIS, MS SQL, SQL Server management, ADO.NET, GUI, T-SQL, Entity Framework, Sitefinity 5.0, Visual Studio, HTML, CSS, XML, JavaScript, JQuery, Telerik Controls and WCF;

❖ **.NET SUPPORT DEVELOPER**

August 2011 - December 2012

HISD (Lee High School), Houston, TX USA

- ✓ Development of In-house applications, Intranet applications, Application supports, database back-up Administrations, and amongst others. Technologies used include: ASP.NET, C#, .NET FRAMEWORK, MS SQL, SQL Server management, MYSQL, ADO.NET, T-SQL, AJAX, Visual Studio, HTML, and CSS.

❖ **APPLICATION DEVELOPER**

December 2008 – March 2011

Office of the Head, Department of Computing, Engineering and Technology, University of Sunderland, England, UK.

Designed, Developed and Implemented an application for managing Students' Records.

- ✓ Designed and implemented the User Interface of the application;
- ✓ Designed and modelled the database tables and Entity relations of the application;
- ✓ Wrote stored procedure for the business logic of the application;
- ✓ Coded the business logic of File Upload and Download of the application;
- ✓ Performed Unit tests, Integration tests, Regression Test, and Bottom-Up Tests;
- ✓ Supported and updated the deployed application;

Technologies used include C#, .Net Framework, ASP.Net, MS SQL, ADO.NET, SQL Server Management Studio, T-SQL, GUI, Visual Studio, Ajax, HTML, and CSS.