

Microsoft®

CERTIFIED

Professional

Mofolo P Mamabolo

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DOB: 27-08-1984 ID: 8408275584081

Summary

Highly accomplished and results-oriented Senior Dotnet Software Developer with a proven track record of leading the development and implementation of scalable and secure applications on the Microsoft/Javascript Developer Ecosystem, and major cloud platforms (Azure, AWS). Expertise in architectural design, DevOps practices, and mentoring teams to optimise tools that deliver impactful business outcomes. Adept at identifying inefficiencies and implementing innovative solutions that drive significant improvements in productivity and performance within the insurance, mining, and financial sectors. Holds numerous Microsoft and AWS certifications, demonstrating a commitment to continuous learning and staying at the forefront of technology.

Certifications

- AWS Certified Solutions Architect - Professional
- AWS Certified Solutions Architect - Associate
- Microsoft Certified: Azure Solutions Architect Expert
- CompTIA Advanced Security Practitioner (CASP+)
- Microsoft Certified: Cybersecurity Architect Expert
- Microsoft Certified: Azure Security Engineer Associate
- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified Solutions Associate - Cloud Platform
- Microsoft Certified Solutions Expert - Data Platform
- Microsoft Certified Solutions Developer - Application Lifecycle Management
- Microsoft Certified Solutions Developer - Web Applications
- Microsoft Certified Professional
- Microsoft Specialist - Programming in HTML5 with JavaScript and CSS3
- Microsoft Certified Professional Developer - Silverlight Developer 4, Web Developer 4, Windows Developer 4
- Microsoft Certified Technology Specialist - .NET Framework 4 (Data Access, Service Communication Applications, Web Applications, Windows Applications), Silverlight 4 Development
- Microsoft Certified Professional Developer - ASP.NET Developer 3.5
- Microsoft Certified Technology Specialist - ASP.NET Applications
- ISTQB Certified Tester Foundation Level



SkyCode (2024-*)

Lead Developer

- Spearheaded the development of a Progressive Web App (PWA) and a Mobile Line of Business (LOB) Cloud Application utilizing .NET MAUI and Azure services for compliance in the underground mining sector, aiming to reduce fatalities and injuries, streamline compliance processes and reduce audit times.
- Led the migration of the LOB Angular application to .NET MAUI, modernising the technology stack for improved performance and maintainability.

Hollard (2022-2024)

Senior Api Developer

- Led the architectural design and development of robust and scalable internal and public-facing APIs on the Azure platform for a core LOB Insurance Platform, ensuring alignment with business needs and technical standards to improve data accessibility for internal teams, enable seamless integration with partner systems and improve security compliance.
- Developed and maintained high-availability and secure APIs, ensuring seamless integration with existing cloud and on-premise workflow systems, contributing to an increase in system uptime and performance gains.
- Ensured strict adherence to security protocols and compliance requirements (including data protection and privacy standards relevant to the insurance industry), mitigating potential risks and ensuring regulatory compliance.
- Mentored junior developers and team members on API development in ASP.NET Core, fostering team growth and improving overall development capabilities.

MiPrint for Standard Bank (2020-2022)

Senior Developer for Platforms and Systems - Core DevOps Team

- Served as a Senior Developer within the Core DevOps Team for Standard Bank's Insurance Platform on Azure, focusing on platform and system stability and efficiency.
- Developed DevOps artifacts and methodologies to streamline the development, deployment, and monitoring of over 100 APIs and CLI applications (spanning various programming languages), resulting in significant reductions in deployment time and improved/reliable release frequency.
- Developed both desktop and web-based Line of Business (LOB) applications on the Microsoft development stack, contributing to improved internal process efficiency.
- Collaborated closely with IT, Security, and Business teams to ensure the Azure cloud platform aligned with organizational goals and stringent security standards.

DotCom Software for Clientele Legal (2019-2020)

Lead Developer: Development, Maintenance, Operations of the Legal Claims System

- Led the migration of the Legal Claims System to Azure, ensuring minimal downtime and maintaining data integrity throughout the transition, resulting in improved system availability and scalability.
- Developed new features and maintained existing functionalities of the Legal Claims System, focusing on scalability and reliability to meet evolving business needs.
- Provided critical operational support, troubleshooting, and problem resolution for the system, ensuring smooth and uninterrupted service delivery.

Singular Systems (2018-2019)

Architect

- Designed and architected client-facing solutions utilizing UI Frameworks (Angular, React, JQuery, ASP.NET Razor, WebForms, WinForms, WPF), Middleware (ASP.NET Core, node.js, WebAPI), and Mobile (Xamarin) technologies.
- Implemented robust data access layers using Entity Framework (Core), ADO, and Dapper.
- Championed code quality through Test-Driven Development (TDD), Behavior-Driven Development (BDD), code reviews, and mentorship.
- Established and optimized DevOps practices, including Agile methodologies and CI/CD pipelines using JIRA, Jenkins, Nexus, BitBucket, Confluence, Docker, and PowerShell, leading to faster delivery of client products.

Zapper South Africa (2017-2018)

Senior Full Stack Developer

- Developed and maintained Zapper App platform billing and reporting applications using UI Frameworks (React, JQuery, ASP.NET MVC) with SQL Server and utilized Elastic Search, Kibana, and Logstash on Ubuntu Linux for improved data analytics capabilities.
- Managed the application lifecycle using Visual Studio Team Services.

IGS (2014-2016)

Senior Developer

- Developed and maintained integrated municipal administration and governance solutions using the .NET development stack (ASP.NET Web, Desktop, and Xamarin) and COTS solutions.
- Managed the application development lifecycle using Team Foundation.

Earlier Experience

Esri South Africa (2012-2014)

Global Information Systems Developer

- Developed GIS web, desktop, and mobile applications utilising the Esri GIS Software Stack for better business decision support, map visualisation, and improved spatial data management.

Octagon Business Solutions (2011-2012)

Intermediate Developer

- Designed and built N-Tier, Multi-Platform, Service-Oriented Applications using ASP.NET, Silverlight, Windows Communication Foundation, Entity Framework, and MSSQL 2008 to facilitate consumer/company credit vetting and loan management, following Agile and Test-Driven Development principles.

M&N Consulting as Freelance (2010)

- Developed a reporting solution for an online Linen Management Repository used by the Groote Schuur Hospital.

Johannesburg Centre of Software Engineering (2008-2010)

- Developed a Patient Management System (smart client network application) used by the University of the Witwatersrand's Campus Health staff and Career Counselling & Development Unit for managing student diagnosis records and consultations, and by the HEAIDS Initiative for statistical purposes.

Education

- British Computer Society: The Chartered Institute For IT - Professional Graduate Diploma In IT (2014-2017)
- University of the Witwatersrand - B.Sc. Electrical Engineering (Incomplete 4th year) (2003-2008)
- Tom Naude' Technical High School - Grade 12 (1998-2002)

References

Available upon request. (*)

- Microsoft Certification ID: **7919426**
- AWS Candidate ID: **AWS00802553**

Key Skills

- **Key Programming Languages:** C#, Javascript
- **Frameworks:** Microsoft Developer Ecosystem, Javascript Web & Mobile Developer Ecosystem
- **Cloud Platforms:** Azure, AWS
- **Databases:** Relational Databases, NoSQL Databases, Document Databases
- **DevOps:** On-Premise & Cloud DevOps, Containerisation, Monitoring, Security, Release Management, Configuration, Migrations
- **Key UI Frameworks:** Maui, Angular, React, JQuery, ASP.NET Razor, WebForms, WinForms, WPF, Xamarin
- **Middleware:** ASP.NET Core, node.js, WebAPI, Windows Communication Foundation, Messaging
- **ORM:** Entity Framework (Core), ADO, Dapper, Sequelize
- **Code Quality:** TDD, BDD, Code Reviews, Static Rules
- **Methodologies:** Agile, Waterfall
- **Hobbies:** Generative AI, Machine Learning, Python