



JOHANN UNGERER

ENTREPRENEURIAL SOLUTIONS ARCHITECT

EDUCATION

Microsoft Certifications

Azure Solutions Architect
DevOps Engineer
Azure Network Engineer
Azure Developer
Azure Administrator
+10 more, see transcript

University of London

B.Sc. Computer Science (Game Development) (In Progress)

WITS Business School

Mini MBA

CONTACT

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HOBBIES

Game Development
Snowboarding
Woodworking
Reading
Gaming

PROFILE

Experienced professional with proven success as a solutions architect and consultant for financial services, insurance, telecommunications, mining, health, and retail clients. Extensive background in software development processes and principals, cloud infrastructure, business intelligence, and artificial intelligence. Demonstrated skill in designing and managing software solutions from concept to operation.

WORK EXPERIENCE

AZURO SOLUTIONS – FOUNDER, CEO AND CTO

2010–Current

Hands-on management of strategic clients, providing technical guidance and direction to operational teams. Oversee financial administration and business management. Grew company from 1 employee to 30. Successful implementations on multiple continents and growth into US and UK.

OTHER EXPERIENCE

PyroGenesis Software, Managing Director, 2003 - 2010

CORE SKILLS

Solutions Architecture	Microsoft Azure (PaaS, CLI)
Agile Methodologies	Development Principals
CI / CD	DevOps
C#	.NET Core & Framework
Angular	TypeScript
Microsoft SQL	Data Analysis
Power BI	Power Platform
REST and SOAP APIs	COBOL / CICS
Business Analysis	Leadership
Dynamics 365 (CE, BC)	Financial Management

EDUCATION

Bachelor of Computer Science (Game Development) – University of London (in progress expected completion October 2024)

Diploma in Data Metrics – University of South Africa

Mini Master of Business Administration – WITS Business School

Mechanical Engineering Coursework – University of Johannesburg

CERTIFICATIONS

Certified Microsoft Azure Solutions Architect, Certified Azure Developer, Certified Azure Network Engineer, Certified Azure DevOps Engineer, Certified Azure Administrator, Certified Business Central Functional Consultant, Certified Microsoft Dynamics CRM 2016 Customizations and Configuration. Full list available via transcript.

PROJECTS AND ACHIEVEMENTS

CCI South Africa – Performance Management and Employee Engagement Platform

Architected and oversaw the development of a Performance Management and Employee Engagement platform for a large BPO call center in South Africa with over 16000 agents in SA and Kenya. Automated infrastructure and code deployment using DevOps processes into Azure Cloud. The solution is developed using Angular, .NET 6, and Microsoft SQL and extensively uses Azure PaaS services.

LetsJam.Cloud – Online Livestreaming Platform

Architected and developed an online live-streaming service platform with integrated ticketing, billing, and scheduling. Went live with several hybrid live and streamed concert events in 2021. The solution is developed using Angular, .NET 6, and Microsoft SQL and extensively uses Azure PaaS services.

FutureMe – Youth Education and Readiness Platform

Architected and developed a mobile app for youth education and job-readiness, especially for underserved communities in South Africa. Delivered keynote demonstration at World of Work event in 2018 to local and political leaders. Technologies used included Xamarin, C#, SharePoint, and Azure PaaS.

WIP Corporation – Text Message Integrations for Dynamics 365

Architected and developed a text message integration platform for Dynamics 365. Created the API framework and Dynamics customizations and deployed Azure infrastructure to provide scalable messaging solutions to clients in South Africa and Namibia. The solution is developed using Angular, .NET Core, and Microsoft SQL and extensively uses Azure PaaS services.

ABSA – Rewards and Loyalty Program

Architected and oversaw the development of the front-end and back-end systems for a new rewards and loyalty program. It utilizes a workflow-driven User Interface flow for the call center agents to perform onboarding and customer query management activities, the back-end processes to calculate and apply rewards, and process redemptions. Integrations into banking and third-party systems, as well as data imports from external sources. The solution was developed using C#, JavaScript, ASP.NET, WCF, and Microsoft SQL and deployed to the bank's data center on Windows Servers.

FNB (South Africa) – Integrated Online Accounting Platform (Instant Accounting)

Architected and oversaw the development of an Online Integrated Accounting Solution for the bank. Integration into customer bank statements allowed for automation of transaction posting to appropriate ledgers and easy reporting. The solution was developed using C#, JavaScript, ASP.NET, WCF, and Microsoft SQL and deployed to the bank's data center on Windows Servers.

Welwitschia Insurance Brokers (Namibia) – Customer Management Implementation

Provided business consulting and analysis, project management, and Dynamics customizations to develop a complete Insurance Management solution for the second-largest brokerage in Namibia. Implemented personal and commercial insurance products, customer management, policy management, claims, and endorsements. The project ran for eight years and two major overhauls and upgrades of CRM versions. The solution was developed in Microsoft Dynamics 365 On-Premises, C#, JavaScript, and Microsoft SQL.

Standard Bank – Credit Scoring Integration

Developed the mainframe and Windows Server-side implementation for the credit bureau scoring integration. First-of-its-kind use of TCP/IP communication between IBM Mainframes and Windows Servers. Technologies used included COBOL/CICS, TCP/IP, C++, and Windows Services.

MS Transcript: <https://learn.microsoft.com/en-us/users/kaegunza/transcript/vpemmaxr4lgw53m?source=docs>