

SOFTWARE DEVELOPER

Software and Systems Design | Software Development | Software Testing and Quality Assurance

- Current student of software engineering, specializing in Health Informatics Technology
- Passionate about designing and developing highly usable software for real-world business solutions
- Experience in business management and information technology across public and private sectors
- Skilled in software design, development, testing, deployment, and operation of software and databases
- Professional background in user interface design, front-end development, backend development, and working with service-oriented middleware (web services and integration)
- Proactively detect process gaps using KIs and flag communication/process hurdles that inhibit data collection and analysis.
- Conversant with the structure of information systems, data security, and privacy
- Superb business, analytical and research skills developed through experience and academic training
- Excellent problem solver and analytical thinker; seeks seamless and creative solutions to problems

Technical Skills

Programming Languages	JavaScript, Java, C# .NET, SQL, PL/SQL, Python, MS PowerShell, Bash Scripting
Productivity Software	Microsoft Office (Word, Excel, PowerPoint, and Visio)
Software Development Tools	Sparx Systems Enterprise Architect, Visual Paradigm, Eclipse IDE, Visual Studio IDE, IntelliJ Idea, Altova MissionKit (XMLSpy, Map Force, etc.)
Operating Systems	Windows, Linux, Solaris

Relevant Experience

Senior Developer and Software Architect	February 2022 – August 2022
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Saudi Digital Bank, Riyadh, Saudi Arabia

- Designed and led the development of a retail banking mobile app
- Established the bank's mobile app solution blueprints that align with its technical architecture
- Assist business and systems analysts in refining their functional and non-functional requirements
- Assist the product owner in the breakdown and scheduling of epics, themes, stories, and tasks
- Help the DevOps team create and implement sound DevOps principles for quick solution delivery

Lead Developer and Software Architect	April 2018 – January 2022
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Government Pensions Administration Agency (GPAA), Pretoria, South Africa

- Designed and led the re-implementation of 4 pension management application modules that existed on the agency's IBM Mainframe
- Designed and led the implementation of service and data integration interfaces between their pension calculation engine (written in Natural/Adabas), their case management system (implemented with Oracle BPM and Java), and their client-facing microservice APIs (written in Java and deployed in Kubernetes)
- Creating software solution prototypes as proof of concept to determine solution viability

Lead Developer and Systems Architect	January 2017 – October 2017
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Microsoft Consulting Services, South Africa

- Let the team that implemented the rollout of Microsoft 365 to 25,000 staff of the Gauteng Provincial Government (GPG) in South Africa
- Wrote and deployed Microsoft PowerShell scripts that migrated the identities of 25,000 government employees from Microsoft Active Directory® on-premise to Microsoft Azure Active Directory®
- Wrote and deployed Microsoft PowerShell scripts that migrated over 50,000 email boxes from the GPG Microsoft Exchange (Clustered On-Premise) Server to Microsoft 365 Exchange Server

Relevant Professional Certifications	
Scrum Foundation Professional Certificate	January 2023
CertiProf Education Testing Service	Florida, USA
<i>Basic agile project management training and certification based on the latest version of the Scrum Guide 2020</i>	
Relevant courses:	
<ul style="list-style-type: none"> Agile Project Management with Scrum Understanding the Scrum Framework Scrum Project Management Artefacts 	
Enterprise and Solutions Architecture Practitioner's Certificate	April 2022
British Computer Society	London, UK
<i>Training and certification in Enterprise and Solutions Architecture (ESA) based on the Avancier Method</i>	
Relevant courses:	
<ul style="list-style-type: none"> ESA Processes & Techniques ESA Reference Model Avancier Methods for ESA 	
TOGAF 9 Certified Enterprise Architect	January 2012
The Open Group	San Francisco, California, USA
<i>Certification in the knowledge of terminology, structure, and concepts of the TOGAF 9 Enterprise Architecture Standard</i>	
Relevant courses:	
<ul style="list-style-type: none"> Architecture Development Method Architecture Content Framework Enterprise Continuum and Tools ADM Guidelines & Techniques Technical Reference Model Integrated Information Infrastructure Reference Model 	
Education	
Advanced Diploma, Health Informatics Technology	Sept. 2022 – Current
Centennial College, Toronto, ON	Expected Graduation Sept. 2024
<i>Software Engineering Technology program, with a specialized focus on health information systems</i>	
Relevant courses:	
<ul style="list-style-type: none"> Computer Programming Structure of Healthcare Information Systems Software Systems Design Advanced Business Communication Interoperability of Healthcare Information Systems Web Application Development 	
Master of Business Administration (MBA)	July 2014
Milpark Business School, South Africa	
<i>Comprehensive education and training in General Management, Accounting, Finance, Entrepreneurship, Innovation, and Corporate Governance</i>	
Higher Diploma in Computer Science	January 2002 - November 2002
The University of the Witwatersrand, Johannesburg, South Africa	
<i>Post-graduate studies in major computer science courses namely Computer Programming, Applications of Algorithms, Database Development, and Artificial Intelligence</i>	
Bachelor of Technology, Mathematics with Computer Science	December 1998
The Federal University of Technology, Minna, Nigeria	
<i>Undergraduate studies with a major in Mathematics with minor courses in Computer Science</i>	
Professional Affiliation	
Professional Member – Association of Enterprise Architects, Burlington, Massachusetts, USA	
Professional Member – British Computer Society, UK	