

I am an Advisory Board Member, Committee Member, Senior Manager, Technology Architect, Engineer, and a Geophysicist, with significant board level experience and over 16 years of executive-level experience, with particular experience in Digital Strategy and Technical services, within the natural resource, energy, and manufacturing industry:

- At the board level, what I do is help organisations examine digital threats and opportunities. I leverage innovation and technologies to stimulate business growth, optimise operational efficiency, and improve safety & sustainability. Specifically, I spearhead the management and delivery of transformations, focusing on governance, talent & culture, advanced business analytics, technology roadmaps, automation, data & AI strategy, and innovation.
- At a Senior Management capacity, I am currently a Senior Manager for De Beers Group Exploration, Americas and Southern Africa. Here I lead and oversee the digital transformation roadmap for the organisation in expediting mineral discoveries and exploration. Previously I was the Digital, Technology & Data Analytics Manager and Lead for several natural resource and energy South-African-based companies, like Kumba Iron Ore, Exxaro Coal Mine, Eskom Coal Fired Power Plant, Sappi Saiccor Pulp Mill, and Engen Oil & Gas Refinery. In these roles, I implemented strategies that significantly minimised hazardous incidents, improved plant productivity and total mine tonnage, improved oil quality, and increased plant uptime and life of plant/mine.
- Finally, I have a Master of Business Administration from USB, a Bachelor of Science (Hons) in Geophysics from Wits, and a Bachelor of Science (Hons) in Chemical Engineering from UKZN. I am a graduate of the Applied Business Analytics Executive Programme from MIT Sloan School of Management. I have been nominated as one of the Top 50 Technology Leaders in South Africa, in 2023 and 2024. I featured in Tech Magazine such as Stroud & Clarke Ltd-Tech-Exec Issue 20, and Exito Media Concepts Pvt Ltd-DT50 (50 Tech Leaders to Watch in SA). I am a member of the Institution of Chemical Engineers (UK), and the Engineering Council of South Africa.

## Education

### **Bachelor of Science (Hons) in Geophysics**

University of Witwatersrand, SA (2023)

### **Executive Programme – Applied Business Analytics**

MIT Sloan School of Management, USA (2021)

### **Master of Business Administration**

University of Stellenbosch Business School, SA (2018)

### **Bachelor of Science (Hons) in Chemical Engineering**

University of KwaZulu Natal, SA (2009)

## Recognition & Achievements

**Top 50 Digital Transformation Leaders in RSA**, Exito Media Concepts Pvt Ltd, 2023 & 2024

**Certificate of Achievement**, Digital Roadmap Development, Exxaro Resources Limited, 2021

## Additional Experience

### **BI Advisory Board Member, Eventful People, ZA**

Business Intelligence Innovation & Technology, 2023

### **Professional Reviewer, IChemE, UK**

Professional Reviewer (Chartered Membership), 2023

### **Guest Lecturer, Change & Technology Adoption**

University of Witwatersrand, SA, 2019 – 2022

### **External Examiner, Final Year Project Students**

University of KwaZulu-Natal, SA, 2021 - 2022

## Professional Certification

**Chartered Chemical Engineer**, Institute of Chemical Engineers (IChemE), UK, since 2014

**Professional Engineer**, Engineering Council of South Africa, ZA, since 2013

**Certified ScrumMaster®**, Scrum Alliance®, 2020