

GEORGE NEL

AI Product Architect | FinTech | InsurTech | Quantitative Finance | Entrepreneur

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GitHub: github.com/funda3 | Portfolio: (to be added) | LinkedIn: (to be added)

EXECUTIVE PROFILE

Technology and financial services executive with more than 17 years of experience across corporate and investment banking, insurance, strategic pricing, structured finance, business development and entrepreneurship. Combines an MSc in Physics with hands-on software engineering to design AI-powered products and quantitative decision-support systems. Founder of multiple SaaS platforms spanning insurance, tourism, renewable energy, financial markets and digital marketplaces.

CORE EXPERTISE

- AI Product Strategy
- Product Management
- System Architecture
- Quantitative Analysis
- Capital Markets
- Structured Finance
- Strategic Pricing
- Banking & Insurance
- Python
- FastAPI
- React
- PostgreSQL
- Business Development
- Stakeholder Management
- Cloud Deployment
- Entrepreneurship

SELECTED PRODUCTS

FarewellDigital

Designed an AI-enabled funeral insurance comparison platform producing FAIS-compliant suitability reports.

QuantSpace Market State Engine

Developing a quantitative market intelligence platform focused on market regime detection and capital market analytics.

Goombi

Built a tourism and accommodation marketplace centred on map-first discovery.

SpinSA

Created a DJ discovery and booking platform connecting artists, venues and fans.

Renewable Energy Intelligence

Built a verified renewable energy intelligence platform with evidence-driven data governance.

PROFESSIONAL EXPERIENCE

Managing Director, Genflo | 2024–Present

Leading strategy, AI product development, client delivery and software ventures.

Managing Director & Co-founder, Mesani Coal | 2019–2023

Built and scaled a coal trading business, raised private capital and developed strategic partnerships.

Regional Sales Manager / Executive Assistant, Absa Insurance & Financial Advisers | 2013–2017

Grew assets under management, improved adviser productivity and led regional strategy.

General Manager: Strategic Pricing, Absa Corporate & Business Bank | 2011–2012

Established strategic pricing capability and exceeded revenue targets.

Business Development Manager, Absa Vehicle & Asset Finance | 2008–2011

Managed joint ventures, product strategy and alliance development.

Structured Finance Analyst, Imperial Bank / Via Capital | 2004–2008

Modelled structured finance transactions including securitisations and corporate funding.

Quantitative Analyst, Standard Bank CIB | 2003

Developed pricing models supporting capital markets and derivatives.

SELECTED ACHIEVEMENTS

- Established ABSA's Strategic Pricing function and exceeded annual pricing targets.
- Improved regional assets under management while reducing adviser headcount.
- Built a successful commodity trading business generating multi-million Rand monthly turnover.

- Designed multiple production-ready SaaS and AI platforms across diverse industries.
- Combines executive leadership with hands-on software engineering.

EDUCATION

MSc Physics (Photovoltaics) – University of Johannesburg

BSc (Honours) Mathematics & Physics

Certificate in International Treasury and Banking

TECHNOLOGY

Python • FastAPI • React • PostgreSQL • Git • AI Workflows • REST APIs • Data Modelling • Quantitative Modelling

NOTE

This CV is optimized for senior international AI Product, FinTech, Solutions Architecture and Product Leadership roles. It should be further customized for each application.