Ryan Olivier

Nearly Qualified Actuary | ryan@olivierhq.com | +27 79 516 6238

WORK EXPERIENCE

Actuarial Product Specialist

February 2023 - Present

Momentum Corporate, Cape Town, South Africa

- Product development for the institutional, pre-retirement and post-retirement markets, covering with-profit funds, structured solutions, index-guaranteed funds and LDI strategies.
- Conducted quantitative analysis of with-profit portfolios and developed product proposals to address regulatory
 changes, risk-mitigation requirements, and evolving client needs; presented board-level recommendations to
 governance forums and drove cross-functional implementation.
- Developed analytical tools to quantify the financial impact of product and regulatory proposals; interpreted
 modelling outputs and delivered decision-grade insights to stakeholders. Extensive use of Monte-Carlo
 simulation and scenario testing (Python, VBA).
- Automated monthly operational reporting using Python; reduced manual effort and improved auditability while developing practical PostgreSQL and Git skills during implementation.
- Collaborated with executive and distribution teams to evaluate business opportunities, produced compliant marketing literature, trained distribution channels on product details, and resolved complex client queries.
- Responsible for product management activities including SARB reporting, fund fact-sheet review, back-tested bonus preparation, database maintenance and ad-hoc product investigations and adjustments.
- Received recognition for consistent high performance and value creation across key projects (Q1 2025).

Actuarial Analyst

February 2022 - January 2023

Santam Reinsurance, Cape Town, South Africa

- Led the reinsurance pricing development team as Product Owner; managed the project team and backlog.
- Refined treaty pricing methods, translated them into actionable IT requirements, guided developers in understanding and debugging actuarial calculations, and ensured that the resulting outputs were accurate.
- Engaged closely with diverse teams and senior management, fostering alignment, securing buy-in, and enabling informed decisions that drove meaningful change.
- Enhanced reinsurance pricing tools using VBA, RMS RiskLink and MS Access.
- Developed an inward reinsurance portfolio optimisation tool using ReMetrica and Python.
- Provided ad-hoc actuarial support for data analytics, risk management, and reserving.

EDUCATION

Actuarial Society of South Africa (ASSA)

2021 - Present

- Designation: Technical Member
- Completed exams (11/12): N211, A111, A112, A113, A211, A212, A213, A214, A311, F105, F106 (CERA)
- Remaining exams (1/12): F205

BComHons Actuarial Science

2021

Stellenbosch University

BCom Actuarial Science

2018 - 2020

Stellenbosch University

SKILLS

- Actuarial: Financial risk management, stochastic modeling, data analytics, reinsurance pricing.
- Technical: Python, SQL/PostgreSQL, Excel, VBA, R, Git.