

ELTON MPINYURI

Software Developer

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PROFESSIONAL EXPERIENCE

Software Engineer

28 East Pty Ltd

01/2025 - 10/2025 Centurion, Pretoria

- Developed network coverage map solutions using React and Google Maps Platform
- Implemented HTTP/REST (and gRPC) APIs in GoLang, including pagination, error handling, authentication/authorisation, and versioning
- Managed performance optimisation, observability, and troubleshooting within the Google Cloud Platform
- Experience designing and building event-driven systems (i.e. message brokers, streams)
- Supported continuous integration, delivery, and deployment to ensure a smooth and stable development pipeline

Software Developer / Data Analyst

Digital Solutions Foundry

08/2022 - 03/2024 Johannesburg

- Developed comprehensive IFRS-17 compliant actuarial and financial processing systems that automate insurance contract measurement, risk assessment, and regulatory reporting.
- Built interactive dashboards showing policy persistency rates, premium collection efficiency, and policy renewal patterns
- Provided transparent audit trails for regulatory compliance and external reporting requirements use
- Developed backend services using .NET Core and responsive frontends using Vue.js
- Built variance analysis tools that explain period-over-period changes in insurance contract values across experience adjustments, assumption changes, and new business for Hollard Insurance across Southern Africa

Financial Administrator

Africa Centre of Evidence

02/2019 - 06/2022 Johannesburg

- Facilitating the administrative procedures that sustain the research center on day-to-day basis internal auditing of other entity divisions and substantiating their financial information monthly.
- Provide for the proper evaluation, control, documentation and benefit tracking of special projects.
- Preparation of financial reports by collecting, analyzing and summarizing account information and reporting to the Director
- Contributed to the divisions' business development efforts - building of presentations and marketing brochures, improving existing presentations and marketing brochures, maintaining existing presentations and marketing brochures.

TECHNICAL SKILLS

Languages

JavaScript TypeScript Golang
Python C# Rust C

Frameworks

React Vue.js Next.js ASP.NET

Tools & Cloud

Docker Kubernetes Azure DevOps
GitHub Actions Google Cloud
Firebase PostgreSQL MS-SQL
Terraform Power BI

Core Competencies

- UX/UI Design
- Responsive Web Design
- API Design
- Database Management
- Build Automation

EDUCATION

Master of Commerce – Finance

University of Pretoria

2017 - 2019

Advanced investments, wealth management, financial planning, quantitative finance

Bachelor of Commerce (Honours) – Economics

University of Johannesburg

2015 - 2015

Financial Economics

Bachelor of Commerce – Econometrics

University of Pretoria

2011 - 2014

Economics, mathematical statistics, and empirical analysis

KEY PROJECTS

Data Analyst Consultant

Intellidex - BEE Empowerment

📅 10/2022 - 09/2023

- Built ETL pipelines from multiple data sources
- Delivered Power BI and Tableau dashboards
- Presented BEE demographic insights to stakeholders
- Worked closely with various teams on experimental design and data analysis

Technical Project Manager

Consumatech

📅 05/2024 - 12/2024

- Defined project scope and technical requirements
- Coordinated engineering teams and architecture alignment
- Designed and managed cloud infrastructure solutions

CERTIFICATIONS

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| 🏆 | Google Digital Cloud Leader | 2025 |
| 🏆 | Google Data Analytics Certificate | 2022 |
| 🏆 | Python for Financial Analysis and Algorithmic Trading | 2021 |
| 🏆 | Learn Python Programming Masterclass | 2020 |
| 🏆 | Project Management in the Development Sector | 2020 |