

Elton Mpinyuri

Software Developer

Centurion, Pretoria — ebmpinyuri@gmail.com — +27835331736

Engineer valued for driving high-performance, accessible web experiences. Designs quality, user-friendly, and scalable products regardless of stack.

Technical Skills

Languages: JavaScript, TypeScript, Golang, Python, C#, Rust

Frameworks: React, Vue.js, Next.js, ASP.NET

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

Cloud Platforms: Google Cloud Platform, Azure, AWS

Core Competencies: UX/UI Design • Responsive Web Design • API Design • Database Management • Build Automation

Professional Experience

Software Engineer

01/2025 – 10/2025

28 East Pty Ltd

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

08/2022 – 03/2024

Digital Solutions Foundry

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

02/2019 – 06/2022

Africa Centre of Evidence

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.

Key Projects

Intellidex - BEE Empowerment

10/2022 – 09/2023

Data Analyst Consultant

- ▶ 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

Consumatech

05/2024 – 12/2024

Technical Project Manager

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

Education & Certifications

Education

Master of Commerce — Finance

University of Pretoria

2017–2019

Bachelor of Commerce (Honours) — Economics

University of Johannesburg

2015–2015

Bachelor of Commerce — Econometrics

University of Pretoria

2011–2014

Certifications

- 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)