

JOSIAS SEKHEBESA

Enterprise AI Engineer | Azure AI Solutions Architect | Microsoft Certified

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Executive Summary

Enterprise AI Engineer with 6+ years of experience delivering production-ready Azure AI, Generative AI, Agentic AI and Retrieval-Augmented Generation (RAG) solutions. I combine engineering, business and analytical expertise to design secure, scalable AI platforms that improve operational efficiency and accelerate decision-making.

Microsoft Certified in Agentic AI Business Solutions Architect Expert (AB-100), Azure AI Engineer Associate (AI-102), Azure Data Scientist Associate (DP-100) and Azure Fundamentals (AZ-900).

Career Highlights

- 6+ years delivering enterprise AI and data solutions.
- Designed AI platforms reducing bid preparation effort by 60–80%.
- Built production RAG, Azure OpenAI and intelligent automation solutions.
- Strong blend of engineering, cloud architecture and business strategy.

Microsoft Certifications

- AB-100 Agentic AI Business Solutions Architect Expert
- AI-102 Azure AI Engineer Associate
- DP-100 Azure Data Scientist Associate
- AZ-900 Azure Fundamentals

Core AI Expertise

Enterprise AI • Azure OpenAI • Agentic AI • Generative AI • RAG • Azure AI Search • Azure Functions • LangChain • Python • Machine Learning • ServiceNow • Azure SQL • AI Architecture

Selected Enterprise AI Projects

Enterprise AI Bid Management Platform

Architected a multi-agent Azure OpenAI platform integrating Azure AI Search, Azure Functions, Blob Storage and live research, reducing proposal effort by 60-80%.

Enterprise Finance AI Assistant

Designed a secure RAG assistant using Azure OpenAI and LangChain for enterprise knowledge retrieval.

Intelligent ITSM Automation

Automated ServiceNow incident creation from emails to improve routing accuracy and reduce manual effort.

SLA Risk Analytics

Developed predictive analytics and executive reporting for proactive SLA management.

Professional Experience

NTT DATA

Enterprise AI Engineer (Data Scientist)

April 2024 – Present

- Designed and deployed a multi-agent Azure OpenAI bid management platform.
- Built enterprise RAG assistants using Azure OpenAI, LangChain and Azure AI Search.
- Implemented intelligent ITSM automation integrating Outlook and ServiceNow.
- Developed AI-powered SLA risk analytics and executive reporting.

Dimension Data

Data Scientist

October 2023 – March 2024

- Designed an enterprise event correlation platform reducing ticket management effort by 30%.
- Integrated Azure OpenAI BYOD capabilities into enterprise service platforms.

Data Specialist

November 2021 – October 2023

- Implemented enterprise data quality and governance across 41,000+ companies.
- Automated client onboarding using Python.
- Supported ServiceNow and SAP operational data management.

Data Science Intern

July 2020 – June 2021

- Applied NLP and machine learning to identify automation opportunities.
- Delivered Power BI dashboards and analytical insights.

Education

- Postgraduate Diploma in Business Administration, Wits Business School
- Data Science Qualification, Explore AI Academy
- Bachelor of Science, University of the Witwatersrand
- NQF5 Information Technology: Systems Development, SITA

Professional Links

Portfolio: <https://www.josiassekhebesa.com>

LinkedIn: <https://www.linkedin.com/in/josias-sekhebesa>