Contact

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www.linkedin.com/in/johan-genis
(LinkedIn)

Top Skills

Microservices

Microsoft Azure

Azure Data Factory

Certifications

Probability and Statistics in Python:
Intermediate

Responsive Website Basics: Code
with HTML, CSS, and JavaScript

Statistics Fundamentals

Calculus for Machine Learning

PYTHON PROGRAMMING:
BEGINNER

Johan Genis

Senior Data Engineer | Tech Solopreneur | AI-Powered Automation
Architect | Python | Azure | SQL | Founder @ FluxForgeAI | Turning
data, code & ambition into intelligent systems
City of Johannesburg, Gauteng, South Africa

Summary

Johan Genis
Tech Solopreneur | Senior Data Engineer | AI Automation Strategist
Pretoria, South Africa | Founder @ Artiligence Pty Ltd

I'm Johan Genis — a senior Data & Software Engineer with a
fierce drive to build, optimize, and automate everything. With deep
expertise in Python, SQL, Azure, and Power BI, I design data
pipelines, architect intelligent systems, and extract clarity from
complexity. My work spans from legacy enterprise environments to
bleeding-edge AI applications — always with one goal: turning data
into action and ideas into impact.

As the founder of Artiligence Pty Ltd, I'm building a next-gen, AI-
powered software agency where automation meets execution. I don't
believe in waiting for the future — I architect it, one system at a time.

What I Do Best:
Data Engineering & Pipeline Automation (Python, Azure Data
Factory, SQL Server)
AI-Driven Systems: LLM Integrations, Autonomous Agents,
MLOps
Business Intelligence & Visualization (Power BI, Predictive Analytics)
Complex Problem Solving: Legacy Tech, Scale-up Strategy,
Architecture Overhauls
Beyond the Tech:
When I'm not wrangling data, I'm tracking fitness metrics, restoring
health with precision (yes, including red-light therapy), or designing
tools to improve safety at South Africa's largest open-cast
mine. I believe in high performance — physically, mentally, and
professionally.

Whether you're looking to transform your data stack, automate your software development lifecycle, or collaborate on AI-driven innovation — I'm ready to build what's next.

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Experience

Freelancing
Software Engineer
March 2022 - Present (3 years 3 months)

Freelance
Software Engineer
July 2020 - Present (4 years 11 months)

Experian
Software Developer
November 2020 - March 2022 (1 year 5 months)
Johannesburg Metropolitan Area

Tangent Solutions (Pty) Ltd
Senior Consultant
March 2020 - July 2020 (5 months)
Johannesburg Area, South Africa

Various
5 months

Freelance Software Engineer, specializing in AI, ML and Data Science.
January 2020 - February 2020 (2 months)
Pretoria Area, South Africa

Freelance Software Engineer, specializing in AI, ML, Python, Django and Data Science.

Freelance Python Software Engineer
October 2019 - February 2020 (5 months)
Remote

Chatfin
Senior Python Developer
July 2019 - October 2019 (4 months)
Johannesburg Area, South Africa

Independent Contractor
Artificial Intelligence and Machine Learing Enthusiast and Oracle
Database Administrator
October 2018 - April 2019 (7 months)
No office location, primarily in Johannesburg, South Africa

Kabetech (Pty) Ltd
Oracle Database Administrator
October 2015 - September 2018 (3 years)

Oracle Database Administration

Infomet (Pty) Ltd.
Independent Contractor (Oracle Database Administrator)
April 2014 - October 2015 (1 year 7 months)

Oracle Database Administrator

Rand Merchant Bank
Database Administration Team Leader
January 2011 - February 2014 (3 years 2 months)

UTi Worldwide Inc.
4 years 5 months

Manager Business Support (Technical Support)
April 2009 - January 2011 (1 year 10 months)

Managing Business Support (Technical Support) Services.

Operations Manager Global IT
April 2008 - April 2009 (1 year 1 month)

Database Administration Team Leader
June 2007 - March 2008 (10 months)

Oracle Database Administrator
September 2006 - June 2007 (10 months)

Oracle 10g, 9i, 8i Database Administrator

Computicket
Oracle Database Administrator
May 2006 - September 2006 (5 months)

UTi Worldwide

Oracle Database Administrator
June 2005 - April 2006 (11 months)

Tracker Network
System Administrator and DBA
April 2001 - April 2005 (4 years 1 month)

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Education

Udacity
C++ Nanodegree Program, Computer Science · (2019 - 2019)

Udacity
Datastructures and Algorithms Nanodegree, Computer Science · (2019 - 2019)

Udacity
Self Driving Car Engineer, Computer Programming, Specific
Applications · (2018 - 2019)

Udacity
Introduction to Self-Driving Car Engineer Nanodree, Mechatronics, Robotics,
and Automation Engineering · (2017 - 2018)

Dataquest.io
Data Scientist, Data Science · (2018 - 2019)