

Cal Pretorius

Experienced Cloud Architect with over 15+ years of expertise delivering end-to-end IT solutions, leveraging the full breadth of Microsoft technologies. My career spans IT support, system administration, and strategic IT planning, with a specialization in Microsoft Cloud services and Cybersecurity over the past 5+ years. I excel in designing and optimizing Azure-based architectures, integrating Microsoft 365 productivity solutions, enabling secure collaboration with Teams, deploying scalable applications with DevOps, and managing hybrid environments through tools like Intune and Defender. Dedicated to innovation and scalability, I align technical solutions with business goals to achieve measurable success.



Cayman Islands



Cal.pretorius@outlook.com



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linkedin.com/in/cal-pretorius



github.com/CalCloudSolutions



Education

- 2019 - 2023** (Microsoft Azure Certificates)
 - ▲ Azure Cybersecurity Architect – SC100
 - ▲ Azure Security Engineer – AZ500
 - ▲ Azure DevOps Engineer Expert – AZ400
 - ▲ Azure Solutions Architect – AZ305
 - ▲ Azure Administrator – AZ103
- 2021** (The Linux Foundation)
 - ▲ Certified Kubernetes Administrator (CKA)
- 2016** (HP Centre)
 - ▲ ITIL Foundations v3
- 2016** (Torque IT)
 - ▲ MCSA Course Completion
- 2016** (Torque IT)
 - ▲ CompTIA N+ Course Completion
- 2007** (Grey High School 2003-2007)
 - ▲ Senior Certificate



Work Experience

MCS Ltd (Feb 2024 – Present) – Cayman Islands, Caribbean

Full-time Principal Cloud Solutions Architect

Responsibilities:

- ▲ Design and Develop Architectures: Create scalable, reliable, and secure IT and cloud architectures, including architectural blueprints and technical documentation.
- ▲ Evaluate Technologies: Assess and recommend new technologies, tools, and platforms; conduct proof-of-concepts for validation.
- ▲ Manage Cloud Services: Design, implement, and optimize cloud-based solutions (Azure); manage service models (IaaS, PaaS, SaaS).
- ▲ Ensure Security and Compliance: Implement security best practices; ensure compliance with regulations (GDPR, HIPAA); conduct security assessments.
- ▲ System Integration and Automation: Design and implement system integrations; use Infrastructure as Code (IaC) tools for automation.
- ▲ Provide Technical Leadership: Offer technical guidance and mentorship; lead architectural governance processes.
- ▲ Collaborate with Stakeholders: Align IT and cloud strategies with business goals; communicate technical concepts to non-technical stakeholders.
- ▲ Oversee Projects: Manage project timelines, deliverables, resources, and risks; ensure project scope adherence.



Orange Business Services (Basefarm) (Apr 2021 – Dec 2023) – Amsterdam

Full-time Cloud Architect

Responsibilities:

- ▲ Provide advice in sales activities such as customer presentations, bids and other work related to secure new customers
- ▲ Mentor and guide the Cloud Engineers in their work
- ▲ Lead the technical design of new solutions/products and drive innovation & development
- ▲ Establish best practices and evangelize these within our organization.
- ▲ Run well architected framework reviews
- ▲ Be the expert and go-to-person for one or more areas within public cloud.
- ▲ Ensure good cooperation within teams and personnel working with Public Cloud to minimize effort of handovers and go live.

Reason for leaving: Relocation



Personal Details

DOB: 09/05/1989
Driving License: Yes
Own Vehicle: Yes
Nationality: South African
Marital Status: Married
Home Language: English
Health Issues: None



Areas of expertise

- ▲ Azure Cloud Environment
- ▲ Microsoft 365
- ▲ Firewalls (Sophos/FortiGate/Sonicwall)
- ▲ Servers (Physical and Virtual)
- ▲ Active Directory and Exchange
- ▲ Problem Identification/Solution finding
- ▲ Backups (Veeam/Backup Exec/Arcserve/Azure)



Interests and Hobbies

- ▲ Golf
- ▲ Surfing
- ▲ Moto GP
- ▲ Motocross
- ▲ Movies
- ▲ Gaming



Knowledge

- ▲ Over 15 years in the IT field
- ▲ Azure specialist
- ▲ On-Prem to Cloud migrations
- ▲ Extensive firewall knowledge
- ▲ Networking (TCP/IP/VLANs)
- ▲ Web hosting and website design
- ▲ Server OS (Server 2003 – 2022)



Strengths

- ▲ Diligent
- ▲ Logical Problem solving
- ▲ Adapting
- ▲ Punctuality
- ▲ Prioritization and time management
- ▲ Communication



Weaknesses

- ▲ Micro-managed
- ▲ Mundane Tasks
- ▲ Carbs

Azure Experience:

- ▲ Deploy solutions to Azure via DevOps pipeline
- ▲ CI/CD pipelines for WVD Host Pools & ARM templates
- ▲ Knowledge of Azure and all its relevant services
- ▲ Migration of on-premises environments to Azure
- ▲ Migrating of SQL databases to Azure SQL DB solutions
- ▲ IaaS, PaaS, SaaS deployments
- ▲ Azure Security Centre
- ▲ Azure App services and certificates
- ▲ Azure Key Vaults
- ▲ Hybrid deployments and migrations
- ▲ Azure Backups and Disaster Recovery Solutions
- ▲ Azure Monitor
- ▲ Azure Function Apps configuration
- ▲ Azure Container services
- ▲ Azure Storage solutions



Assess

Discovery, inventory and analyze CV.
Deliver Cost Assessment and employee Plan.



Migrate

Migrate CV quickly and efficiently to the decision maker to ensure minimal business impact.



Optimize

Streamline employment procedures to maximize and maintain operations.



Secure/Manage

Secure candidate so to allow efficient business management.



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OGD (Dec 2020 – Mar 2021) – Rotterdam, Netherlands

Full-time Senior Cloud Engineer

Responsibilities:

- Azure Specialist: Managed and maintained Azure Virtual Desktop Infrastructure for a major client.
- Advanced Solutions and Feature Integration: Deployed advanced WVD solutions using MEM; integrated Azure's latest features.
- Network and Connectivity Management: Managed Azure Virtual Network connectivity via express route to the client's on-premises environment.
- High-Level Support and Troubleshooting: Handled high-level troubleshooting and provided advanced after-hours support.
- SOPs and CI/CD Optimization: Created Standard Operating Procedures (SOPs) and tested CI/CD pipelines in DevOps.
- Azure Environment Design: Designed a Hub-Spoke Azure subscription model.

Reason for leaving: Current position not aligned with my skill set



Cyberlogic (Feb 2019 – Nov 2020) – Cape Town, South Africa

Full-time Senior Escalations Engineer – Tier 2

Responsibilities:

- Technical Lead on all Azure Projects
- Provide critical incident response/management
- Handle and resolve escalated issues which could not be resolved by tier 1 technicians
- Advanced problem resolutions requiring extensive analysis and troubleshooting
- Identify, propose and enforce escalation process improvements
- Provide contributions to central escalation knowledgebase
- Identify support tools gaps, enhance needs and propose solutions
- Provide advance level standby support
- On-site problem identification, troubleshooting and resolution
- Quickly detect and diagnose service impacting events
- Provide crisp and timely communication on developing issues to relevant stakeholders
- Facilitate Post-Mortem/Root Cause Analysis after each event to mitigate problem recurrence

Reason for leaving: Immigrated to the Netherlands



System5 (Nov 2016 – Jan 2019) - Johannesburg, South Africa

Full-time Senior IT Engineer (Senior Field Engineer & Systems Administrator)

Responsibilities:

- Installs, troubleshoots and maintains an extensive variety of products and equipment
- Employee training
- Identifies, analyses and repairs product failures
- Orders and replaces parts as needed
- Determines and recommends products and services that best fit the customer
- Extensive knowledge of servers, storage and networking equipment
- Implantation of VLANs and firewall policies
- Perform weekly maintenance on servers
- Check and configure backups – Arcserve
- Management/Setup of Wireless APs – Unifi
- Integration of various equipment
- Remote support and standby support

Reason for leaving: Relocated to Cape Town



WorleyParsons RSA (Nov 2014 – Nov 2016) - Johannesburg, South Africa

Full time Senior Desk Side Technician



Oz Technologies (May 2013 – September 2014) - Johannesburg, South Africa

Full time Mid-Level Support Technician



Arctec (March 2012 – March 2013) - Johannesburg, South Africa

Full time Systems Administrator



RealPay (August 2011 – February 2012) - Pretoria, South Africa

Full time Software Support Analyst



DiaMatrix (March, April, May 2011) - Johannesburg, South Africa

Full time IT Network Technician



AxxessDSL (May 2010 – February 2011) – Port Elizabeth, South Africa

Full time IT Support Technician



References

MCS Ltd

Chris Lopez (Owner)
(Please request contact details)

Basefarm / OBS

Vetle Skorpen (Lead Architect)
(Please request contact details)

Basefarm / OBS

Dan Yden (CCoE Manager)
(Please request contact details)

OGD

Joran Wognum (Team Manager)
(Please request contact details)

Cyberlogic

Craig Ongers (CTO)
(Please request contact details)

System5

Devin Ribeiro (Infrastructure Manager)
(Please request contact details)

WorleyParsons

Kevin Lindeque (Team Lead)
(Please request contact details)

Oz Technologies

DeVilliers Basson (IT Manager)
(Please request contact details)

Regus WorldWide

Greg Hamilton-Brister (Program Manager)
(Please request contact details)

Arctec

Mark De Villiers (Ops Manager)
(Please request contact details)

RealPay

Tjaart Booyens (Ops Manager)
(Please request contact details)

DiaMatrix

Wayne Diamond (Owner)
(Please request contact details)

AxxessDSL

Ryan Hendriks (Director)
(Please request contact details)



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