|  |  |
| --- | --- |
| Jurgens Krause  A small act today can have a big impact tomorrow. | Protea St 98, 3280  Piet Retief, South Africa  **+26878468810**  **jurgens@bitweaver.co** |
| Self-proclaimed IT generalist with a broad background and a primary focus on network administration, complemented by hands-on experience in web development, VoIP, and small-scale industrial automation. ***Company Owner & Python Developer******Bitweaver Consulting*****2024–Present** Developing administrative automation tools to increase productivity using AI. Focusing on the use of high-end transcription models to alleviate repetitive administrative tasks.  ***IT Manager*** ***Pasture Valley Children's Home*****2016–Present** Pasture Valley cares for over 50 orphaned and vulnerable children, as well as supporting over 600 families with food, school fees and school supplies. Spearheaded digital transformation of the children's home, installing a complete campus-wide network and IT infrastructure.Deployed virtualized server infrastructure for file sharing, backup, and media services.Implemented Sophos XG Firewall for content filtering and security.Established a PLEX media server for streaming movies and TV shows.Set up an AI-assisted NVR system for monitoring campus security.***Network Associate******Jenny Internet*** **2016-2024**  Early morning advanced technical support for network operators.  I joined the Jenny team as their first fully remote employee. I was responsible for providing advanced technical support to the network operators and for managing the network infrastructure.  Jenny Internet operates over 1000 high sites spread over 5 countries in Southern Africa. My team was responsible for the network infrastructure and the support for the network operators. ***Network Administrator******Wipronet*** **2012-2016**  Wipronet was my introduction to the wireless ISP industry.  I joined Wipronet as a junior network technician and quickly moved into a network administrator role. By the time I left, I was managing the VoIP infrastructure as well as coordinating high-profile client projects. **Projects**Planned, designed, and built a municipal wide-area network for Emalahleni, South Africa.Implemented multiple corporate IP telephony systems for call centres.Led the development of the Wipronet website.***Network Administrator******Operation Mobilization*** **2008-2009**  I worked as a network administrator on the ship "MV Doulos," staffed by 350 volunteers from 50 different countries. **Projects**Set up a computer laboratory for the National University of Timor-Leste. Including 100 workstations and an AD server.Recovered a corrupted Active Directory tree.Completely revamped the on-board intranet.Served as lighting technician for on-shore stage show.Integrated shore-based broadband internet into the network. | SKILLS Network Infrastructure  MikroTik MTCNA Level  Microtik MTCRE Level  Wireless Technologies  Linux Server Administration  Python Development  AI Integration  Asterisk VOIP  Proxmox Hypervisor Certification **Python Essentials 1** Python Institute March 2024  **Python Essentials 2** Python Institute March 2024  **Foundational C# with Microsoft** Microsoft May 2024  **Network Defense** Cisco January 2024 LANGUAGES English, Afrikaans, Dutch |