Kevin Adrian Pillay

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🖾 PROFILE

I'm a System Administrator and Security Professional with a history of working in multiple industries. I'm experienced in IT management, server management, system administration, and information security. I have a passion for technology and work on multiple projects to keep up with the ever-changing industry.

References and certifications available on request.

🎓 EDUCATION

IT Academy, *Cyber Security Specialist* — 2021 – 2022

University of South Africa (UNISA), *Information Technology* — 2010 – 2011

Boston City Campus, *Information Technology* — 2009 – 2010

Isandlwana Technical High School, *High School Diploma* — 2003 – 2008

💼 PROFESSIONAL EXPERIENCE

IT System Administrator, *Novus Holdings Ltd (ITB Plastics)*
2015 – present
Isithebe, KwaZulu-Natal, South Africa

- Install and upgrade computer components and software, manage virtual servers, and integrate automation.
- Troubleshoot hardware/software errors by running diagnostics, documenting and prioritizing problems.
- Provide documentation and technical specifications.
- Maintain backups and implement data protection and fail-over procedures.
- Run desktop and help-desk support, ensuring desktop applications/workstation problems are resolved with limited disruptions.
- Server administration tasks, permissions, policies, print services, event log errors, and resource monitoring.
- Setup company laptops, desktops, barcode scanners, printers, switches, DECT/IP phones, smartphones, software deployment, security updates, and patches.
- LANs, WANs, Internet, and intranet systems.
- Maintain network, system security and WSUS deployment
- Troubleshoot technical issues relating to factory machinery.
- Troubleshoot and resolve issues reported by end-users.
- Installing, configuring, and maintaining Microsoft Server 2012, 2016 and 2019.
- Active Directory account/group setup and maintaining integrity of user database.
- Monitoring and maintaining network servers such as file servers, VPN/firewalls, and intrusion detection systems on virtual servers using VMware (vSphere Client).
- Monitoring and maintaining Symantec Endpoint Protection.
- Microsoft Exchange and O365 support.
- Interact with departments to assist in troubleshooting, providing technical support.
- Perform routine audits of the systems/backups.
- Oversee Time and Attendance and bio-metric devices.
- Support for ERP software (Syspro) to employees.
- Support for a custom software.
- SQL database management and writing of SQL queries to automate procedures.
- Oversee CCTV/surveillance setup and maintenance.
- PABX management and maintenance.
- Oversee information security related tasks.

Network Technician, *Mactron Technology*   2013 − 2015

Eshowe, KwaZulu-Natal,
South Africa

- Maintained and upgraded client networks, routers, switches, and running of network cabling.
- Diagnosed computer issues and installed software on various equipment.
- Scheduled maintenance on client computers.
- Day to day technical support and customer service.
- Assisted with servers, LAN/WAN, network related issues, security audits.
- Deployed Trend Micro and ESET.
- Installed and maintained IT infrastructure for local schools and companies.
- Help-desk support and escalation of tickets.

IT Technician, *Genmac Engineering and Construction CC*   2011 − 2012

Richards Bay, KwaZulu-
Natal, South Africa

- Assisted with installation, configuration, and support of system hardware and software in the company.
- Day to day systems support to employees.
- Troubleshooting remote issues with offsite sales representatives.
- Network security and backup procedures.
- Assisted with general engineering operations.
- Basic AutoCAD.

Junior Technician, *S and N Projects*   2010 − 2011

Richards Bay, KwaZulu-
Natal, South Africa

- Monitored day to day functions of company computers/laptops.
- Installed and maintained Windows Server 2012, mainly email and file servers.
- Daily and monthly backups using Veaam.
- LAN and WLAN connectivity inside the company.
- SQL database management and network security.
- Remote assistance to offsite employees.
- Active Directory user and group management.
- CCTV maintenance.

Trainee, *Boston City Campus & Business College*   2009 − 2010

Richards Bay, KwaZulu-
Natal, South Africa

- Help-desk support services to the trainer at campus.
- Support for applications such as Microsoft Office and other basic software.
- Assisted with general office duties such as network cabling, configuring DNS, installing Windows.
- Configured and shared printers.
- Assisted with day to day maintenance on computers used in campus by students.
- Security reports to the technical trainer.

⟨⟩ SKILLS

SQL Server (Microsoft SQL, MySQL) | **System Administration** (Microsoft, Linux) | **Exchange** (Office O365)

Scripting (Python, Bash, PowerShell) | **Virtualization** (VMware vSphere, Hyper-V, Proxmox, ESXi)

Network Security (Pentesting, Nmap, Metasploit) | **Windows Server** (AD, RDS, WSUS)

IT Management (Policies, SDLC) | **Cloud Computing** (Azure, Google Cloud)

📜 CERTIFICATES

CompTIA A+   **CompTIA N+**

Excel on Steroids   **Accsys PeopleWare T&A**

Adobe Dreamweaver   **Google IT Support Professional Certificate**
CS5   IT Security

🗂 PROJECTS

Static Website
A static security blog/personal website that is hosted through GitHub Pages and Netlify.

HTML, CSS, JavaScript
https://www.kevinadrian.dev/ ☐

Blazor HelpDesk
An open source helpdesk web application written using Blazor Server Side.

HTML, C#, Blazor
https://github.com/kevinadrianpl/helpdesk/ ☐

🤝 VOLUNTEERING

Hosted Game Server, *Owner*   2018 − present
Own and manage a small non-profit, publicly accessible LAMP gaming server,
includes monitoring, maintenance, troubleshooting, and basic security.

South African Red Cross Society (SARCS), *Trainee*   August 2008
Attended prescribed courses of lectures and demonstrations in 'Save a life', including
CPR training and basic first aid.