

Curriculum Vitae

Marcel Grandemange



6 February 2011

Availability: Two Weeks Notice

Profile

- I'm very passionate about technology and thrive in environments that require me to think outside of the box and be innovative. Being a perfectionist keeps me highly motivated and if there is a problem I cannot resolve I make it my personal duty to find the solution.
- My quest for knowledge has led me to expand myself with more qualifications in my personal capacity.
- I can work in environments that are team based or situations where I have to work alone unsupervised.
- I have leadership qualities as I have had to lead a team on a few occasions.

Personal Details

Full Names	Marcel Adolphe Gedeon Grandemange
Identity Number	Not Displayed On Web Version Of CV
Date of Birth	20/07/84
Marital status	Engaged
Home Language	English
Other Languages	Afrikaans
Nationality	RSA
Outside Interests	Electronics/ISP Infrastructures/Wireless
Home Address	32 Wyndham Street, South End,PE.6001
Contact Information	
Cell	0721879851
E-Mail	thavinci@thavinci.za.net
Skype	www.thavinci.za.net
Website	http://www.thavinci.za.net

QUALIFICATIONS

QUALIFICATION	SUBJECTS	INSTITUTION	YEAR COMPLETED
Matriculation with University exemption	English, Afrikaans, Maths, Science, Geography, Biology	Graeme College	2003
PC Service Technician/Systems Engineering/Data Telecoms Diploma	<p>MS Windows 2000 Pro - MS Windows Server 2003 Environment Network Technologies PC Technologies : Core PC Technologies : OS</p> <p>ATM Troubleshooting Introduction to ATM Networking Introduction to Data Communications Introduction to Telecommunications Introduction to XDSL TCP/IP Introduction and advanced VOIP</p> <p>Implementing, Managing, & Maintaining Server 2003 Network Infrastructure</p> <p>Planning & Maintaining MS Windows Server 2003 Network Infrastructure</p> <p>Planning, Implementing & Maintaining Server 2003 Active Directory Infrastructure</p> <p>Designing MS Windows Server 2003 Active Directory & Network Infrastructure</p> <p>MS Internet Security and Acceleration Server 2000</p> <p>MS Exchange Server 2003 MS Visio MS CIW MS Sequel Project Management</p>	Damelin	2005
Mikrotik	Mikrotik Basics Course	Miro	2007
MCSE	MCP IS: 3413552	Microsoft	2007
CCNA	CCNA	NMMU	2009
DBAM	DBAM – Wan Optimisation	DBAM	2006

CAREER SUMMARY

Network Support Engineer (Contract) TenaciT, 2011 Jan 21st - Current

- Remote Network Support as Mikrotik Specialist
- Keeping Current Network monitoring solution working and up to date. (The Dude)
- Responsible for design and implementation of new monitoring solution. (Cacti Or Nagios options)

Senior ICT Engineer (Permanent) E-Soul Technologies, 2005 – 2010 November

- Supporting Newest Infrastructure for our application EDMES, including designing and implementing load balance and extensive QOS using Mikrotik.
 - Responsible for setting up and maintaining MYSQL replication.
 - Responsible for design and implementation of remote backup server and scripts.
 - Responsible for deploying NOD32 LAN update server to manage AV throughout the company.
 - Deployed TRIXBOX VOIP server and all related services.
 - Researched suitable reporting platform, came up with OPENREPORTS and deployed and managed for e-soul, moving towards Pentaho BI.
 - Created php scripts to sync Edmes users to OPENREPORTS users.
 - Deployed SMS server for notifications of failed services and customer notifications such as reaching of bandwidth limits.
 - Monitoring and graphing of all equipment to pro-actively maintain performance and predict failure of servers and equipment via SNMP and CACTI and the DUDE from Mikrotik.
 - Wrote numerous scripts to inform of power failures and services failures via SMS.
 - Extensive PBR designed and deployed.
 - Setting up and maintaining routing tables between all routers, mainly OSPF used.
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- The Companies previous projects included putting forth a bandwidth solution for NMMU. Advising upgrade path for PE College and all related sites, design and implementation of this.
 - This included firewalls at each remote site with proxy/mail using FreeBSD as gateway. A Novell NetWare server at each site with the intention to replicate between sites. Duties included setting up the Novell servers and designing backup methods. Writing scripts for controlled printer deployment. A General PC Rollout was also done in the beginning which I had to assist with managing the team. Assisting our development team with a new and upcoming student solution, hoping to compete with ITS. Running a full server infrastructure based on FreeBSD and Linux for the companies mail/web servers and additional ISP related functions. Including bandwidth management, Implementing PPPOE server/Radius Server with Mysql as backend. VPN's between our sites done with Openvpn. Testing and deploying many long range outdoor wireless links. And Many other Duties.
 - Deployed a metro wide wireless infrastructure to supply internet access and VPN access to the NMMU University. A hotspot infrastructure was planned to be deployed along side.

Reason For Leaving: *Retrenched (Company Closed Down)*

General ICT Services (Part-Time) Plan-B Wireless/R63,2007 - 2010

- Planning a ISP infrastructure to supply internet access across the East Cape Midland and deployment thereof. Mail server/web server/radius server/mysql/openvpn servers were my

responsibility to plan, deploy and maintain as well, including the backup procedures for the mysql database and maintenance thereof.

- Deployed a graphing solution to enable pro-active response to network maintenance and pending failures and growth.

Reason For Leaving: *Owner Sold Business*

Network/System Administrator (Part-Time)

Jerusalem Ministries, 2004 – 2005

Design of network infrastructure from bottom up. Implementation of a Windows 2003 Domain acting as File/Print Server, DHCP, DNS, Fax Server, AD. Also is a NIS server via WSFU Clients Controlled by policy. Implementation of a FreeBSD UNIX gateway Running postfix as MTA, squid as proxy, apache as web server. NIS client allowing central authentication from the AD. Addition and control of user accounts is central

Duties consisted of mainly maintenance and control of web sites accessed. And bandwidth control. Deployment of 5km wireless link between Walmer and Schoenmakerskop.

Reason For Leaving: *Was Not Able To Negotiate Full-Time Position*

TECHNICAL SKILLS

1. TRAINING ONLY									
2. LIMITED PRACTICAL EXPERIENCE									
3. THOROUGH PRACTICAL EXPERIENCE									
4. EXTENSIVE EXPERIENCE									
5. SPECIALIST SKILLS									
DESCRIPTION	VERSION/MODULES	YEARS	MONTHS	LEVEL					
				1	2	3	4	5	
Scripting In Bash/PHP/Perl		6			X				
Creating Web-Sites In PHP/HTML		5			X				
Routing OSPF/RIP		3	8				X		
Routing BGP/IGRP/EIGRP			2	X					
Freeradius		4					X		
Apache		8							X
Postfix		5	8						X
Microsoft Exchange			4		X				
OpenVPN		4	8				X		
Tomcat Application Server		3	8				X		
Squid Proxy Server		8	8						X
Microsoft ISA Server		6	8		X				
Novell Border Manager		1			X				
Samba		8	8					X	
Webmin		8	8					X	
Quagga		3	8					X	
Proftp		1	8			X			
IIS		6	8			X			
SNMP Cross Platform		4	8			X			
NUT (Network UPS Tools)		4	8					X	
Dovecot		5	8					X	
Cacti Monitoring		4	8					X	
Long/Short Range High Availability Wireless		4	8						X
VOIP		1				X			
Firewall/QOS/Traffic Shaping		4	8					X	
Openreports						X			
Pentaho BI Server			6		X				

OPERATING SYSTEMS/ PLATFORMS	VERSION/MODULE	YEARS	MONTHS	1	2	3	4	5
WINDOWS 95/98/2000/ XP/Vista/7		10						X
FreeBSD		8	8					X
Linux		5				X		
Windows Server 2000			2					X
Windows Server 2003		6	8					X
FreeNAS		2	8				X	
Novell		1				X		
Trixbbox		1				X		

APPLICATIONS/PACKAGES	VERSION/MODULE	YEARS	MONTHS	1	2	3	4	5
EDMES (Monitoring And Evaluation)		3	8		X			
WORD PROCESSOR		5			X			
SPREADSHEET		5			X			

CASE TOOLS/ METHODOLOGIES /GENERATORS	VERSION/MODULE	YEARS	MONTHS	1	2	3	4	5
VISIO		5				X		

DATABASE / RDBMS	VERSION/MODULE	YEARS	MONTHS	1	2	3	4	5
Mysql		4	8		X			
Sequel			2	X				

NETWORKING	VERSION/MODULE	YEARS	MONTHS	1	2	3	4	5
LAN		10						X
WAN		8	8					X
TCP/IP		6	8					X
CABLING		10	8					X
CISCO		1			X			
3COM Switches		4	8			X		
Mikrotik		4						X
DBAM			1	X				
pfSense		2				X		

Reference Letters Available [Here](#)

REFERENCES

e-Soul

Shoni Rapea

Tel:0749920682,0836606777

Position: Previous Director

Steyn Van Wyk

(Emigrated To Australia)

Tel: +61413630454

Other: +61861620923

steyn@e-soul.co.za

Position: Owner

Plan-B Wireless/R63

Carel Du Preez

Tel: 0845135080

Position: Owner

Xpress Print and Copy

(Assist with Network infrastructure and computer maintenance)

Kathy Forbes

Tel: 082 853 7705

Position: Manager