

CURRICULUM VITAE

SHAUN DEWBERRY

ABSTRACT

Shaun Dewberry encountered his first exposure to computing as a 5 year old watching an animated rabbit eating a maze full of carrots on an Apple IIe Personal Computer. The seed was planted and by age 10 Shaun found himself borrowing his accountant father's programmable calculator for weeks on end to write fantasy games and programs in GW-BASIC, ensuring loads of "missing calculator" stress for his father at financial year-end. In order to secure continued employment, Shaun's father chose to replace his work instrument with an XT Personal Computer for Shaun to use. From this early start Shaun's affinity and skill with computers has developed into a strong grounding for a diverse and rewarding career working with one of his passions - Information Technology.

Name:	Shaun Christopher Dewberry
Address:	Pretoria
Email:	< shaun@dewberry.co.za >, <shaun.dewberry@gmail.com>
Blog:	http://www.dewberry.co.za
Twitter:	http://www.twitter.com/shaun
Mobile:	+27 83 415 5201
Date of Birth:	1979
Identity No:	
Nationality:	South African
Gender:	Male
Marital Status:	Single
Language(s):	English (fluently spoken/written), Afrikaans (basic spoken, full comprehension/written)

EMPLOYMENT HISTORY

May 2009 -> Present:

Relational Database Consulting

Unix Engineer

- I provide Sun, Solaris and AIX support services to Cybernest, a division of Telkom, South Africa's fixed-line telecoms company. I work with a team of 6 engineers.
- My two major areas of responsibility are PSM - comprising around 30 servers – which is a telecoms service provisioning tool deployed by Alcatel, and Tibill, the Oracle BRM billing and invoicing system for ADSL customers. Both are very high profile applications.
- These systems run as Sun Solaris High Availability Clusters on E25K hardware and either Solaris 9 or Solaris 10, usually connected to EMC Symmetrix storage. I have built a number of these clusters myself.
- At any stage there are also approximately 50 development, quality assurance and performance testing servers running on a variety of Sun hardware from V240s to E10Ks and T2000s all of which fall within my domain.
- The scope of administration is comprehensive, including operating system installs, upgrades, patching, storage configuration, backup and performance tuning. The only thing our team does not do is the physical network cabling and the Oracle database administration.
- Key to my responsibilities too is to be on-call once a month for all of the 12 production environments supported by our team (a few hundred servers), some of which include AIX systems. On call responsibility usually includes supporting the netbackup infrastructure in the event of failure.

January 2009 -> May 2009:

UTi Worldwide

Unix and Application Support Engineer

- I returned to UTi on contract to perform UNIX systems administration and Tibco application support, similar to a previous role at UTi. This was following the retrenchment and outsourcing of significant portions of UTi's Global IT division.
- I was approached immediately following my retrenchment (the day I returned from vacation!) to assist UTi in transferring knowledge to the outsource firm who had attempted to replace the UTi Global IT team.
- I was also tasked to ensure system stability, reliability and uptime by providing third level support to the outsource firm.
- During the first months of the transition I was able to successfully handle the workload previously managed by 6 people, which slowly dissipated once the outsource partner had reached a reliable level of system knowledge and I could hand more responsibility across.

March 2008 -> December 2008:

Security Analyst

Promoted from Senior Systems Administrator to Security Analyst. As Security Analyst I:

- Implemented the Oracle Access and Identity Manager solution for single sign-on. This solution was rolled out in 11 global regions.

Technically led and project managed several high visibility projects:

- A global external vulnerability security assessment of the UTi network in 22 countries.
- Sourced, installed and configured an audit compliance monitoring system for UTi Data Centers in South Africa and Germany.
- Enhanced and upgraded the corporate security intranet site.

March 2006 -> Feb 2008:

Senior Systems Administrator

Very intense **high profile** environment in the freight-forwarding industry with customers such as Estee Lauder and Dow Corning. If the applications were down, trucks/boats/planes could literally not be loaded. Was a senior member of a small **highly-skilled** team maintaining the enterprise IT systems of a large and diverse worldwide business clientele. Provided a range of services to the business, from application support, troubleshooting and software deployment through to server software and hardware maintenance.

- As a **senior** member of a 30 member team provided **24x7 support** for UTi's Data Centers in Frankfurt, Los Angeles, Centurion and Johannesburg.
- Technologies simultaneously supported included **UNIX** (Solaris and HP-UX), Linux (Redhat, Ubuntu, SuSe), components of Sun's Java Enterprise System (LDAP, Web Server), Oracle Database 9i/10g, Oracle Application Server, Oracle Access and Identity Suite, and the TIBCO product suite.
- Set up, configured and maintained the **monitoring system** for the availability and performance monitoring of over 80 servers and 1700 services. This was configured using a combination of **Nagios** and **custom developed monitoring shell scripts** – bash/perl.
- Trained and assisted new and junior System Administrators.

July 2005 -> February 2006:

Sun Microsystems

Sun Java Enterprise System Support Engineer (Remote Services Delivery)

Provided second-level technical support for the Java Enterprise System Suite of products to Sun partners and customers throughout Southern and Eastern Europe, and Africa. These customers included government institutions, banks, large internet service providers and telecoms companies. Typical duties included:

- Log file analysis.
- Rudimentary core dump analysis.
- Replication of customer faults in the lab environment.
- Customer liaison, ticket handling and escalation.

August 2004 → June 2005:

VERANG (Pty) Limited

System Administration : Linux and Unix systems

Maintained Linux hosting infrastructure –

- Ensured server availability.
- Supported LDAP, POP3/IMAP, Sendmail, Apache, JBoss, MySQL and Linux Terminal services.
- Monitored system status.
- Designed and implemented firewall and security measures.
- Configured networking and routers.

March 2004 -> August 2004:

Nokia Corporation (Consulting for VERANG)

Programmer and Technical Consultant

- Helped build the **myNokiaPurchase** procurement system using **Ariba Buyer 8.1**.
- Developed the dynamic workflow approval rules using **JavaScript, AML(XML) and Java**.
- Documented the technical solution provided.

February 2003 -> February 2004:

B2BAfrica/Transnet (Consulting for VERANG)

As Technical Consultant : Infrastructure

- Helped implement the web based procurement system at **South African Airways** using **Ariba Buyer 7.1**.
- Conducted general Unix administration of the Solaris hosting infrastructure.
- Maintained the CVS version control system.
- Provided network connectivity support.
- Coded the workflow approval rules using **JavaScript, AML(XML), Tibco Message Broker** Middleware and custom **Java** classes.
- Drafted technical documentation.
- Transferred skills and knowledge of prior responsibilities to junior employees to in order to focus on this project.

As Linux Administrator

- Built customised Linux firewall and mail server "drop-in" solutions for a division of **Mercantile Lisbon Bank** and **qSTC – HP Solutions Training Center**.

May 2000 -> January 2003:

Denel Property Group (Onsite for VERANG)

As Programmer

- Updated user interfaces and reporting systems for **Denel Property Group's** Property & Financial Management System in **Progress 4GL**.
- Developed a **Java-based Parking Management System** interfaced to the **Concept Facilities Management** Solution at **First National Bank**.

As System Administrator

- Network configuration, maintenance and security.
- Mail Server setup and administration.
- Web Server setup and administration.
- Custom developed and managed a UNIX-based backup Solution built with shell scripts and Unix commands.
- Setup a corporate Virtual Private Network solution.
- Built a dialup server from scratch using spare components and OSS.
- Administered the Domain Name Service for VERANG and clients.
- Drafted the Corporate Computer Security Policy for client Denel Property Group
Drafted the Disaster Recovery Guidelines for client Denel Property Group
Drafted the Internet Security Policy for client Denel Property Group

As Consultant

Assist with pilot deployment of **Aperture Facilities Management** software at **Discovery Group**.

SUMMARY OF QUALIFICATIONS

VENDOR QUALIFICATIONS

Institution: Linux Professional Institute

Qualification: Level 2 Linux Professional Certification

Institution: Linux Professional Institute

Qualification: Level 1 Linux Professional Certification

Institution: Oracle University

Certificate: Oracle Identity and Access Manager Administration

Institution: Sun Training & Development Centre

Certificate: Support General Readiness and Troubleshooting

Institution: Sun Training & Development Centre

Certificate: Sun Cluster Installation and Configuration

Institution: Novell

Qualification: Novell Certified Linux Administrator (Novell CLA) - SUSE Linux Enterprise 11

Institution: Novell

Qualification: Data Center Technical Specialist

Institution: B2BAfrica

Course: Ariba Buyer Features and Functions, Ariba Buyer Configuration and Customization

Institution: Aperture Technologies, Inc.

Qualification: Aperture Facilities Management Workshop

TERTIARY EDUCATION (ONGOING)

Date: January 2002 to Present

Institution: University of South Africa

Status: Continuation of Bsc(Comp. Science) with specialization in Computational Intelligence. (50% complete)

Modules completed:

COS 114 Introduction to Visual Programming	Pass with distinction
INF 120 Human Computer Interaction	Pass
COS111 Introduction to Programming	Pass
COS113 Computer Systems: Fundamental Concepts	Pass
PYC101 Basic Psychology	Pass
PYC102 Psychology in Society	Pass
CSS101 Comprehension Skills for Science	Pass with distinction
STA105 Basic Statistics 1	Pass with distinction
COS 161 Formal Logic 1	Pass with distinction
INF 101 Information Systems 1	Pass
COS 101 Theory of Computer Science 1	Pass
COS 214 Programming: Contemporary Concepts	Pass
INF203 Information Systems 203	Pass
COS 261 Formal Logic 2	Pass with distinction
PLS 207 Philosophy of Science 1	Pass
COS 226 Computer Networks	Pass
INF 204 Information Systems 204	Pass
COS 301 Theory of Computer Science 3	Pass

Date: January 1998 to December 1999

Institution: University of Pretoria

Qualification Status: 2 years (60%) of BSc(Computer Science) Degree Completed

1999 Full time

COS 284 Computer Architecture 2	Pass
COS 222 Operating Systems 2	Pass
COS 221 Databases	Pass
COS 213 Advanced Programming	Pass
INF 270 Informatics 2	Pass with distinction

WTW 115 Discrete Structures 1	Pass
1998 Full time	
Program Design: Intro 1	Pass
Program Design: Continued 1	Pass with distinction
Informatics 170	Pass
English 101	Pass
Psychology 1	Pass
Calculus 1	Pass

SECONDARY EDUCATION

School:	Benoni High School
Dates:	1993-1997
Highest Level Attained:	Matriculated with Exemption
Subjects Passed:	English Higher Grade with Distinction
	Latin Higher Grade with Distinction
	Computer Studies Higher Grade with Distinction
	Afrikaans Higher Grade
	Science Higher Grade
	Accounting Higher Grade
	Mathematics Higher Grade
	Additional Mathematics Higher Grade

Further Scholastic Activities:

Attended numerous specialty courses at the Extra-Curricular Centre for Highly Gifted Children, including: Informatics, Communication, Public Speaking, Money and Banking, Art & Drama

ADDITIONAL PROFESSIONAL ACTIVITIES

- Maintain a personal weblog at www.dewberry.co.za
- Setup 52weeks.co.za – SA Rock Blog
- Built <http://ramboguy.co.za> – Vernon Koekemoer’s home on the Interwebs.
- Setup <http://wikus.co.za> – A District 9 tribute site.
- Host DieAntwoord.com, website of SA band Die Antwoord.
- Wrote a bi-weekly column for a Computing SA - called '**Straddling the Firewall**', which focused on computer security from the sides of attack and defence.
- Network security book review published in Computing SA.
- Software review published in Tectonic – Africa’s First Open Source Magazine.
- Spoke on computer security at the 'Ulwazi' computing forum to employees of Transnet's computing division.
- Ran the 2600.co.za Computer Security website.
- Ad-hoc security assessments for various clients.

INTERESTS AND ACTIVITIES

Riding my black and white Honda Fireblade CBR1000

Motorsport, especially F1, MotoGP and SBK

Writing

Music, preferably on LP

Guitar playing (very poorly)

SKILLS MATRIX

1 – Had appropriate training only

2 – Limited practical experience

3 – Solid practical experience

4 – Well versed, extensive experience

5 – Expert, extensive experience

Technology	Experience	Last used	Proficiency	
Operating Systems:	UNIX (Solaris)	10 years	Current	5
	UNIX (HP-UX)	3 years	Current	5
	UNIX (AIX)	1 year	Current	4
	GNU/Linux (All distros)	10 years	Current	5
	Mac OS	1 year	Current	4
	Windows/DOS (All)	15 years	Current	5
Programming Languages:	Java	8 years	Infrequently	3
	JavaScript	7 years	Infrequently	3
	C/C++	1 year	August 2005	2
	Progress 4GL	1 year	January 2005	3
	Perl	3 years	Current	3
	PHP	5 years	Current	4
	Ruby	1 year	6 Months ago	2
	Python	1 years	6 Months ago	2
	Intel x86 Assembly	3 months	August 1999	2
	Shell scripting	9 years	Current	5
Application Servers:	Tomcat	5 years	6 months ago	4
	JBoss	5 years	Current	4
	BEA Weblogic	5 years	Current	4
	Tibco BusinessWorks Server	3 years	Current	4
	Sun Java Enterprise Application Server	2 years	Current	3

Technology		Experience	Last used	Proficiency
Middleware:	TIBCO EMS	3 years	6 months ago	4
Database Servers:	MS SQL	4 years	Current	4
	Oracle	4 years	Current	4
	Postgresql	2 years	Current	4
	MySQL	6 years	Current	4
Web Servers:	Apache	10 years	Current	5
	IIS	8 years	Current	4
	Sun Java Enterprise Web Server (SunONE)	5 years	Current	5
Mail Servers:	MS Exchange	8 years	Current	4
	SMTP (Sendmail/Postfix)	8 years	Current	5
	IMAP/POP3 (Courier)	9 years	Current	5
	Sun Java Enterprise Messaging	2 years	Current	3
Directory Servers:	OpenLDAP	7 years	Current	5
	Sun Java Enterprise Directory(SunONE)	5 years	Current	5
Security:	Syslog/LogWatch	9 years	Current	5
	Snort IDS	6 years	1 Year ago	5
	SSL/Digital Certificates	6 years	Current	5
	FreesWAN/Ipsec/Iptunnel	3 years	6 months ago	5
	Nmap	9 years	Current	5
	Nessus	3 years	6 months ago	5
	Metasploit	1 year	Current	4

Technology		Experience	Last used	Proficiency
	Iptables Firewall	6 years	6 months ago	5
	PGP/GPG	6 years	Current	4
Monitoring:	Nagios	4 years	Current	5
	Cacti/RRDTool/SNMP	3 years	Current	5
Hardware:	Cisco Routers	4 years	Current	4
	PIX Firewall	4 years	Current	4
	SUN Servers	5 years	Current	4
	EMC Storage/Powerpath	1 year	Current	3
Networking:	Samba	6 years	Current	5
	DHCP Server	9 years	Current	5
	BIND DNS Server	9 years	Current	5
	Squid	9 years	Current	5
	IPMP	1 year	Current	4
Other:	XML	6 years	Current	4
	Veritas Netbackup	2 years	Current	4
	Veritas volume manager	1 year	Current	4
	Sun Cluster	2 years	Current	5
	Sun Volume Manager	1 year	Current	5

REFERENCES

Fernando Picasso (Director of Information Security at UTi)

Tel: +1.562.552.9400

fpicasso@picassoconsulting.com

Ref: Reference - Fernando Picasso.pdf

David Volmer (Operations Manager at UTi)

Tel: +6581260754

davidv@go2uti.com

John Keramianakis (Technical Director, VERANG (Pty) Ltd)

Mobile: +27 82 464 4582

johnk@verang.co.za

Peter Angouras (Managing Director, VERANG (Pty) Ltd)

Mobile: +27 82 331 8928

petera@verang.co.za