

Alan Silva
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Summary

I'm a UNIX sysadmin/developer for the 8+ years and my experience includes BSD, Linux and Solaris. I use FreeBSD and NetBSD and I'm founder and a member of NetBSD-BR, the NetBSD Brazilian Users Group which advocates the use of NetBSD in Brazil, and organizer of BSDCon Brazil, and my specialities involves:

Education

B.S Mathematics, USJT, São Paulo, Brazil (In Progress)
Data Processing Technical College, Christian College Don Pixote, December, 1997

Experience

Software Engineer at Open Communications Security - May 2007 – Present

- Developing applications with Windows API in C/C++
- Developing modules in user-mode and kernel-mode for Windows
- Developing cryptographic solutions and new communication protocols for applications
- Responsible for porting applications for Linux/Unix

Security Consultant at IBM/Compsis - November 2006 – May 2007

- Implementation customized security solutions with IBM Tivoli Products
- Developing routines in C and Java for complementing IBM Solutions

Security Consultant at Modulo Security Solutions - July 2006 – November 2006

- Developing and managing information security projects
- Creation and implementation of security polices based in BS7799, ISO17799, ISO13335, ISO15408 and ISO27001.

Developer at Istmo/4Pro - September 2004 – July 2006

- Developing corporate billing solutions in J2EE in UNIX (linux)

Developer at Inova Soluções em Informática - April 2004 – August 2004

- Developing Perl Scripts for automation
- Developing Qmail modules in C and Objective-C
- Developing an Qmail module for communication with LDAP for main work product

Developer/Security Analyst at Takano On Line - May 2002 – May 2004

- Developing web solutions in Perl/C/C++ and Java for Graphic ambient
- Developing an Video conference Solution using Java and C/C++ in web
- Responsible for UNIX and firewalls security/sysadmin

Security Analyst at Telesp Celular - January 2000 – April 2002

- Responsible for UNIX (Solaris) sysadmin/security
- Responsible for waaap/3G services and implementation
- Responsible for Firewall admin and webservice admin

Talks and Presentations

- ✓ “Porting NetBSD to Other Platforms” - I BSDCon-BR, IME, Rio de Janeiro, Brazil, December 2003
- ✓ “Pkgsrc: A framework for package manager” - II Linuxchix-BR Encounter, FIAP, São Paulo, Brazil, May 2004
- ✓ “Understanding the NetBSD” - BSDDay. FIAP, São Paulo, Brazil, August 2005
- ✓ “Understanding the NetBSD” - II International Congress of Software Libre, SESC, São Paulo, Brazil, November 2005
- ✓ “kqueue: A API for Notification Event” - III International Congress of Software Libre, Anhembi, São Paulo, Brazil, November 2006

Other Activities

- ✓ Member of Cryptographic Group at USJT
- ✓ Researching Project (Factoring using Parallel Processing Algorithms) for USJT Student Project in Cryptography
- ✓ NetBSD Volunteer: Add kqueue support for GNOME VFS
- ✓ Teaching Mathematics also Volunteer Teacher in Communitary Projects

Technical Skills

- ✓ Languages: C/C++, Java (JavaEE and JavaSE), Perl, PHP, Python, shell (Bash e csh), assembly (80x86 e SPARC)
- ✓ Developing and System Administration: Solaris, BSD UNIX (OpenBSD/NetBSD/FreeBSD). Linux and Windows 9x, NT/2000/XP/Vista
- ✓ Networking: TCP/IP, Cisco Routers and Switches Configuration, Basic Knowledge of Routing Protocols (RIP, OSPF, BGP) and Knowledge of IPSEC
- ✓ Security: Firewalls, IDS/IPS, Sniffers and Basic Knowledge of Cryptography Algorithms