Augusto Bott
Resume

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Portfolio
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Nationality
Brazilian, Italian
Current Location
Wellington
New Zealand

Objective

Interested in developing better solutions, setting new standards of reliability and performance, experienced on a large number of platforms. Continuously seeking for opportunities to learn when facing new challenges, always looking forwards for sharing valuable knowledge and experiences with others, working towards improving the world we live in.

Qualifications

IT professional with solid experience with multiple open-source technologies, not limited, but including administration and tuning of operational systems, database systems as well as inter-networking and related IT infrastructure. Experienced in planning, developing as well as hands-on programming of web, mobile and embedded systems. Extensive experience in data modeling, capacity planning and performance tuning on multiple architectures and platforms. Good communication and leadership skills, as well as coaching and managing teams. More than Fifteen years of experience with MySQL databases as well as web-related technologies, such as web stacks on Linux and other *NIX systems - ranging from daily tasks, crash and disaster recovery, covering design, optimization and capability planning of distributed and embedded systems.

Experiences

2017 to present - Weta Digital
Weta Digital is one of the world's premier visual effects companies.

Position – Data Engineer: Responsible for managing massive existing databases as well as capacity planning and deployment of advanced databases services across the company.

2014 to present – WAK Technology Consulting
Acting as database designer, systems architect for distributed systems, C developer, security auditor, developing biometric fingerprint solutions and embedded systems.

2010 to present – Augusto Bott Consulting
Working side-by-side, helping customers on prototyping and delivering unique and superior products either as part of the design and development teams or as systems integrator throughout different areas - from IT infrastructure and database design and optimization, through media content delivery solutions, GIS, to embedded computing and mobile platforms.

2007 to 2010 – The Pythian Group
Based in Ottawa, Canada, the company is a leading global provider of remote DBA services, experts at getting fine-tuned performance out of many kinds of databases and vendors. Pythian provides its

clients with an unrivaled level of DBA proficiency, sophisticated monitoring and reporting, and 24/7/365 services.

Position – Senior DBA, Team Leader: A hands-on database administrator, responsible for many customers' databases, working as part of a team of DBAs, coordinating activities, also supporting other areas and teams across the organization, especially during emergencies. Expert in designing and tuning MySQL databases, as well as orienting developers and other professionals on how to extract the best of a database suite.

2005 to 2007 – Catho Online
With an annual growth rate of 20% and a gross revenue of US$ 70 million (est. 2007), the company became the leading Human Resources website in Brazil over the past decade. Catho Online has been progressively establishing a network of strategic partnerships, continuously expanding its global presence over the years.

Position - IT Manager (since Mar/2007): Ultimately responsible for the entire IT infrastructure for the whole company, from the Internet links and Datacenter services to desktop computers and workstations. Also responsible for IT infrastructure project management, handling long-term planning and staff resourcing, overseeing system administrators teams, technical operations and support staff to keep running a 24/7/365 operation, reporting directly to the board of directors.

Position – Senior DBA (until Feb/2007): Directly responsible for over dozens of servers and hundreds of databases, supervising the tasks of maintaining, managing backup, optimizing business supporting applications and infrastructure to achieve higher levels of reliability, availability and performance. The demand for the OLTP database had passed beyond the terabyte level and MySQL was used on almost exclusively on every software system running throughout the company from the call center all the way to the back-end servers, vital parts of the business.

2003 to 2004 – Hitec Consultoria (Hitec Consulting)
The company offers Linux training and certification as well as consultant services on other UNIX variations, implementing and developing open-source technologies. The company is also a Mandriva partner (former Conectiva, in Brazil), holding several support contracts with open-source solutions.

Position – Senior Support Analyst & Teacher: Responsible for integrating and managing outsourcing services and resources, keeping track of the undergoing projects, acting also as systems administrator and DBA as well as lecturing for students in MySQL and Linux Administration courses.

2002 to 2003 – Intercorp Consultoria (Intercorp Consulting)
Intercorp is an administration consultant company. Most of it's customers are small to medium-sized cities. Their service consists mostly in improving and developing new administrative processes within a framework, improving the organization efficiency.

Position – Software Analyst & Web Developer: Performing tasks ranging from requisite analysis and to developing with PHP, ASP, Javascript, MySQL and MS-SQL server database administration.

Tech Skills

Database Administration: MySQL, Oracle, MS-SQL Server, PostgreSQL
Operating Systems: extensive knowledge of several variations of Linux, FreeBSD, Windows servers and some knowledge of Solaris and other UNIX variations.
Programming Languages: PHP, C, Java, Javascript, Python, PERL, shell scripting

Languages

Portuguese (mother tongue)

English (fluent speaking, reading and writing)
Spanish (speaking and reading)

Education & Certification

2008 – MySQL Certified Cluster Administrator (v5.1 series)
2006 – MySQL Certified DBA (v5.1 series)
2004 – MySQL Core Professional Certification (v4.1 series)
2003 – Conectiva Linux Certification (Conectiva was later acquired and became Mandriva)
2002 to 2008 – Bachelors Degree on Information Systems at Pontícia Universidade Católica do Rio Grande do Sul, PUC-RS (incomplete)
1997 to 2002 – Bachelors Degree on Computer Science at Pontícia Universidade Católica do Rio Grande do Sul, PUC-RS (incomplete)
1995 to 1996 – Bachelors Degree on Civil Engineering at Universidade Federal do Rio Grande do Sul, UFRGS (incomplete)

Lectures as Speaker

2009 – Percona MySQL Performance Conference - Proactive Operational Measures
2009 – FISL – Forum Internacional do Software Livre - 8 Simple Rules for Designing More Secure Applications with MySQL
2008 – MySQL Users Conference and Expo: Ask the Pythian Maestro (BoF session)
2005 – 2006 – MySQL optimization, best practices and troubleshooting lectures for the software development team at Catho Online (a.k.a. "how to run that 20-hour-long report in just a few seconds with no errors")
2003 – 2004 – MySQL and Linux training courses at Hitec Consulting
2003 – 1st Open-source Database Systems Seminary (presenting MySQL)

Other Activities

Contributor on the following open-source projects:

https://en.wikipedia.org/wiki/Tomato_(firmware)#cite_note-13

http://code.google.com/p/tomato-sdhc-vlan/ - Tomato firmware with enhancements (Tomato is an alternative firmware for WRT54G and other Broadcom-based routers)

http://code.google.com/p/alt-f/ - Alt-F is an alternative firmware for the D-Link DNS-323 and compatible NAS

https://github.com/augustobott/droidsshd - Dropbear SSHd server management tools for Android

https://github.com/augustobott/identifica - MySQL/MariaDB UDF to compare biometric/fingerprint minutia directly on the database