Márcio Vogel Merlone dos Santos

Profile

Highly experienced and results-oriented Software Engineer with over 20 years of progressive experience in software development, network and systems management, and IT leadership. Proven ability to deliver high-quality solutions, optimize performance, and drive innovation. Expertise in modern front-end development using React and TypeScript, complemented by a strong understanding of full-stack principles, cloud technologies, and open-source practices. Adept at collaborating effectively within remote teams and leveraging technology to solve complex business challenges.

Skills

- ✔ Network and servers
- ✔ Linux, Unix and Windows
- ✔ Full Stack PHP/React/TypeScript development
- ✔ Programming languages and scripting
- ✔ Database and CMS
- ✔ Virtualization
- ✔ Infrastructure

Language Skills

- ✔ Portuguese: native
- ✔ English: fluent (C1)
- ✔ Spanish: basic

Contact

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📍 Rua Shigeru Endo, 67 – Araucária PR Brazil

Objective

- Software Engineer PHP/React/TypeScript;
- Software analysis, development and management;
- Join experiences in systems administration, servers and software development;
- Acquire new skills and technological update

Abstract

- Full stack WEB software development PHP/React/TypeScript
- Agile development
- Design, deployment and administration of :
  - Mail servers (sendmail , postfix, dovecot) and anti-spam (spamassassin, SPF, RBL, etc),
  - WEB servers (Apache, nginx, IIS, Tomcat) ,
  - Fileservers (Samba, NFS, FTP),
  - Databases (MySQL, MariaDB, PostgreSQL, MS-SQL),
  - Monitoring (Zabbix, SNMP, Netdisco),
  - Active Directory (Samba 4 and Microsoft),
  - Backup (Bacula, rsync)
  - and other core services (DNS, DHCP, LDAP, GIT, etc);
- Information security, Firewall, pfSense, proxy, ACL, VLAN, IPSEC VPN, OpenVPN;
- User, network and security policies, management and provisioning;
- Network VLAN and routing management;
- Virtualization using VMware ESXi, vCenter and Virtualbox;
- Some knowledge and experience in Azure cloud;
- Skillful, logical reasoning and creativity in problem solving;
- ISO 9001:2008 qualified internal auditor;
- Team coordination;
- Linux user since 1997, Ubuntu user since first release, managing Linux and Unix servers since 2001.

Professional background

mar/2022 until now	ArcTouch Brasil Desenvolvimento de Software LTDA.	Florianópolis - SC

arctouch.com – Software development.

Senior Software Engineer

- Collaborated on a high-profile projects for leading companies like Quizlet, HP, Cirrus Aircraft, among others, contributing to the development and implementation of innovative solutions.
- Specialized in front-end development using React and TypeScript, leveraging these cutting-edge technologies to deliver robust and scalable applications.
- Developed and implemented efficient and responsive user interfaces, employing best practices and adhering to coding standards.
- Effectively managed project timelines and priorities, meeting deadlines and delivering quality results within the allocated resources.
- Theme and feature customization for platforms like Shopify and Discourse

aug/2007 - mar/2022	A1 Engenharia e Gerenciamento Ltda.	Curitiba – PR

a1.ind.br – Engineering, Industry and Erection in pulp, paper and petrochemical industries market.

Network and Systems Manager

Responsible for systems, servers and network SLA, Intranet maintenance and development, systems integration, user provisioning, IT security, mail flow, backup and IT roadmap. Level 3 and development team support and best practices advocate.

Major accomplishments

- Management, development and maintenance (product owner) of the corporate management system, keeping up-to-date with company policies and processes;
- Consistently grew the network from 50 to 500+ users;
- Physical Server consolidation with virtualization introducing the company to Vmware ESXi later upgraded to vCenter;
- Storage and backup consolidation;
- Migration from Samba3 + OpenLDAP to Active Directory using Samba4, including downstream systems authentication;
- Migration from on-premise Open-source mail server to Microsoft Cloud;
- Firewall upgrade from obsolete Netscreen appliance to virtualized pfSense;
- Physical site migration of the whole IT infrastructure, from its design to material specification and contractors management;
- Network and systems authentication unification on OpenLDAP server later upgraded to Active Directory (Samba4 and Microsoft servers);
- Remote offices integration using Ipsec VPN;
- Network segmentation and VLAN implementation due to site growth;
- Monitoring and alerting system deployment with Zabbix;
- Deployment of many Open-source solutions anticipating corporation demands;

Roles and responsibilities

- Network, servers, systems and database access management;
- IT security, response to information security incidents;
- Level 3 and Development team support;
- Technical coordination on IT architecture and solutions;
- Development of management systems and processes automation using bash and PHP scripts;
- Systems integration on many platforms and databases;
- Contingency, backup and disaster recovery strategy definition and implementation;
- ISO 9000 auditor;
- User training.

| mar/2006 – aug/2007 | Áton Tecnologia Ltda. | Curitiba – PR |

www.atontecnologia.com.br – WEB development software house.

PHP Developer

- Full stack PHP developer, Smarty templates, JavaScript, Ajax, W3 standards.
- In-house PHP framework development

| jul/2005 – mar/2006 | AmbienteBrasil Ltda. | Curitiba – PR |

www.ambientebrasil.com.br – Environment focused portal.

IT Manager

- Servers deployment and management - Web, DNS, E-mail (IMAP), Proxy, Firewall.
- Full stack PHP developer (Product owner)
- IT support, long distance (6+ Km) wireless network.

| apr/2004 – jul/2005 | Locaweb Ltda. | São Paulo – SP |

www.locaweb.com.br - Corporate mail and WEB hosting.

Senior Systems Analyst

- Mail management portal and Webmail maintenance;
- Full stack Perl and PHP developer.

| jan/2001 – mar/2004 | Dialdata Ltda. | São Paulo – SP |

www.dialdata.com.br – Internet, mail and hosting provider.

Full Systems Analyst

- Solaris, FreeBSD, Linux and Windows 2000 servers deployment and maintenance;
- Level 3 support on WEB hosting, mail, DNS;
- Design, deployment and migration of mail server cluster using Postfix and OpenLDAP with load balancing;

| apr/2000 – dec/2000 | Breuling & Hoffelder Ltda. | São José Dos Pinhais - PR |

www.bhquality.com.br – Service provider company active in labor services focused on quality and parts selection on automobile industries.

Systems Analyst

- Structured network cabling and internal Linux server deployment;
- Systems and process definitions towards ISO certification;
- Process auditing.

| nov/1999 – apr/2000 | Visywork e-Bussiness System | Curitiba – PR |

www.visywork.com.br - E-Bussiness and E-Commerce

Technical and Commercial consultant

- Technical sales, support and after sales of IBM/Lotus SmartSuite products;
- Customer prospecting trough direct mail and telemarketing;
- User training on Lotus Notes and Lotus SmartSuite;

| apr/1995 – mar/1999 | Furukawa Industrial S/A | Curitiba – PR |

www.furukawa.com.br – Metallic and optic cable manufacturer.

Draftsman

- Suppliers negotiation;
- Production line installation coordination;
- Technical Specifications and Inspections;
- 2D and 3D CAD design with AutoCAD and Solid Edge;

Courses

- React, ES6+. Agile, Scrum
- ISO9001:2008 internal auditor
- PMBOK Project Management Body of Knowledge Introduction
- Supporting Windows 2000 Professional and Server (MOC 2267)
- Microsoft Windows 2000 Networks and Operating System Essentials (MOC 2266)
- SQL database introduction (Impacta Tecnologia)
- Administering Microsoft SQL Server 2000 Database (MOC 2324)
- Programming Microsoft SQL Server 2000 Database (MOC 2330)

Education

| 1994 – 1995 | Universidade Federal do Paraná | Curitiba – PR |

A-Level in computing, interrupted on the second year.

| 1991 – 1992 | Pontifícia Universidade Católica | Curitiba – PR |

A-Level in computing science, interrupted on the second year.

| 1986 – 1989 | Centro Federal de Educação Tecnológica do Paraná | Curitiba - PR |

Industrial Mechanic technician – mechanic designer.

Additional Info

- Microsoft Certified Professional ID #2432097 (2003)
- Hobbies:
  - Audio, acoustics and electronics
  - Ecotourism
  - Technology
- Interests:
  - Music, movies and TV shows
  - Astronomy and Science