

Marcus Semblano

Senior System Engineer · Karlsruhe, Baden-Württemberg, Germany

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Professional summary

Senior System Engineer with 20 years of experience across systems administration, infrastructure, DevOps, security and application analysis. Brings a broad technical foundation, adaptability and a practical, people-focused approach to complex technical challenges. Communicates clearly with diverse teams and stakeholders, taking their different priorities and perspectives into account.

Technical skills

Systems & operations

Linux Operating systems DevOps

CI/CD

GitLab CI

Configuration management

Puppet

Monitoring & observability

Icinga2 Grafana Prometheus

Containers & orchestration

Docker Kubernetes

Scripting & version control

Python Bash Git

AI & agentic tools

Artificial intelligence AI agents

Work experience

Senior System Engineer

1&1 Mail & Media Applications SE — GMX | WEB.DE | mail.com · July 2025 – Present · Karlsruhe, Germany

Senior System Administrator

1&1 Mail & Media Applications SE — GMX | WEB.DE | mail.com · March 2022 – August 2025 · Karlsruhe, Germany

System Administrator

1&1 Mail & Media Applications SE — GMX | WEB.DE | mail.com · March 2017 – March 2022 · Karlsruhe Area, Germany

- A mixture of traditional system administration and DevOps advocacy.
- Worked with Debian, Puppet, Icinga2, GoCD, Bash, Git, GitLab, Kubernetes, Grafana and Prometheus.

DevOps Freelancer

Upwork · August 2016 – February 2018 · Remote

- Member of Upwork's tools team, creating and maintaining application monitoring, automated deployment and configuration management projects using AWS.

System Administrator / DevOps

Daitan Group · September 2015 – August 2016 · Greater Campinas, Brazil

- Developed infrastructure automation using Opscode Chef and Atlassian Bamboo, including custom cookbooks and recipes for environment and application deployment.

System Administrator

Titans Group · April 2015 – September 2015 · Greater São Paulo Area, Brazil

- Helped maintain the infrastructure lifecycle for products and backend services as part of a team.

Security Specialist

Locaweb · June 2013 – April 2015 · Greater São Paulo Area, Brazil

- Developed and customized security applications and APIs using Python, Lua, Go, Ruby, Ruby on Rails, ZeroMQ, RabbitMQ, Graylog and Elasticsearch.
- Customized a ModSecurity-based web application firewall, tuned rules, and worked on log visualization and deployment planning.
- Project areas included real-time virus scanning, web application firewall development and anti-fraud integrations.

Application Analyst

IBM · August 2011 – June 2013 · Campinas, Brazil

- Customized IBM's internal Open Client operating system based on Red Hat Linux for security and stability, and supported migration of Windows applications to Linux.
- Technical lead for Firefox and other internal application customizations, packaging, deployment and update management across Linux, Windows and macOS.

Product Development Team Coordinator

International Syst · June 2011 – August 2011 · Belo Horizonte Area, Brazil

- Coordinated team activities, task scheduling, deadlines and product quality assurance.

System Analyst

International Syst · July 2009 – August 2011 · Greater Belo Horizonte, Brazil

- Customized and developed the OpenSUSE-based Metasys Linux distribution for client requirements, including educational software, security, appearance and hardware needs.
- Worked with RPM packaging, Linux desktop and kernel customization, shell scripting, SVN, Git, Trac, Make and Clonezilla.

Education

Bachelor's degree, Computer Science

UFMG — Universidade Federal de Minas Gerais · 2006–2009

Bachelor's degree, Electrical and Electronics Engineering

UFMG — Universidade Federal de Minas Gerais · 2000–2004

Studies

Centro Federal de Educação Tecnológica de Minas Gerais · 1999–2000

Studies

Colégio Militar de Belo Horizonte · 1994–1998

Languages

- Portuguese — Native or bilingual
- English — Native or bilingual
- German — Limited working proficiency

Based on my LinkedIn profile. [View profile ↗](#)