

Cláudio L.

Senior Linux Engineer

SUMMARY

- Commerce experience with AsciiDoc since 2016, wrote a book using this tool - Github: <https://github.com/Patola> - English: Fluent - Portuguese: native language. - Spanish: intermediate - French: intermediate

TECHNICAL SKILLS

Main Technical Skills	AsciiDoc (6 yr.), Linux, Unix
Programming Languages	C, C++, Java, PHP, Python
C++ Libraries and Tools	libcurl
Python Libraries and Tools	Scrapy
Databases & Management Systems / ORM	Microsoft SQL Server, MySQL, Oracle Database, PostgreSQL, Redis, SQL, SQLite
Cloud Platforms, Services & Computing	AWS, Softlayer
Azure Cloud Services	Azure VM
UI/UX/Wireframing	3D printing
Methodologies, Paradigms and Patterns	Agile, ITIL, Kanban, Lean, Scrum, UML
Version Control	Apache Subversion, CVS, Git, SVN
Third Party Tools / IDEs / SDK / Services	AsciiDoc (6 yr.)
Virtualization, Containers and Orchestration	Docker, Docker Swarm, Kubernetes, Vagrant
Operating Systems	GNU, HP-UX, Linux, Oracle Solaris, SNAP, Unix
Platforms	Microsoft
Scripting and Command Line Interfaces	Perl
Message/Queue/Task Brokers	RabbitMQ

Other Technical Skills	AIX, ApplImage, BAZAAR, berkeley, Blender 3D, DB, deb, FreeCAD, gettext, GSuite, HACMP, ITILv3, lpp, OpenSCAD, RPM, XP
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SUMMARY:

- Wrote a book using AsciiDoc: <https://github.com/Patola/ebook/>
- Versatile system administrator and developer graduated in engineering with decades of UNIX and Linux experience in big customers with mission-critical environments, working with servers, desktops, mobile and embedded devices.
- Language generalist with programming experience (complete application writing) in C, C++, Java, Perl, Python, SQL, PHP, and shell scripting.
- Good knowledge of revision control systems like git, RCS, Subversion (SVN), CVS, and bazaar.
- Good knowledge of container virtualization (docker, vagrant), configuration management (puppet, ansible), cloud (Softlayer, AWS), with limited experience with orchestration (Kubernetes, docker swarm).
- Experience in programming with various general use libraries/packages such as libcurl, berkeley db, sqlite3, Redis, rabbitmq, scrapy, gettext (for internationalization), mysql, PostgreSQL, oracle, MS SQL Server.
- Knowledge and experience with Agile methodologies, LEAN, and ITIL, including extreme programming (XP), Kanban, and SCRUM; ITILv3 certified.
- Deep understanding of open-source licenses, philosophy, and legislation and active contributor to open-source projects.
- Knowledge and experience in packaging software applications in formats like deb, rpm, lpp (AIX), ApplImage and snap.
- Good knowledge of electronics and circuitry and deep knowledge and understanding of low-cost 3D printing, with a popular open-source book (in Brazilian Portuguese) published about it. Due to that, good modeling experience in open-source 3D modelers like Blender, FreeCAD, and OpenSCAD.

Objective

- Mostly due to my diverse set of abilities, my best performance is at medium to long term projects with high stakes and responsibilities and unforeseen circumstances in DevOps environments.
- I thrive in complex systems environments with multiple languages, being able to learn a new one in a very short time. High skill in troubleshooting and fixing system problems and keeping things working even in emergencies.
- With my education experience, I am also very good at documenting and organizing computing environments.
- I can administrate diverse UNIX system environments including planning for high availability (certified in HACMP for AIX and with experience in other HA systems) and network topology and firewalls.

- I can code applications that complement a diverse environment, with scripting, VM-based or compiled languages.
- I can advise on open-source licensing and strategies.
- I can use my extra skills to complement work, e.g. 3D printing for embedded devices or 3D modeling.
- I can work the night shift if needed. Had a 5 years period at IBM with that.

WORK EXPERIENCE:

Senior Configuration Engineer, Luxoft

Jan 2020 - Present Wroclaw, Poland

Software Engineer, TSYS

Sep 2018 - Jan 2020 Campinas, SP

Co-owner, MakerLinux

Apr 2016 - Jan 2020 Campinas, SP 3D Printing Start-Up: Projects, education, print-on-demand, software development, and three-dimensional modeling.

Unix Expert, IBM

Jul 2005 - May 2016 Hortolândia-SP Worked with AIX, GNU/Linux, Solaris and HP-UX.

Software Developer, Convergys

2003-2005

Analyst, Solvo S. A.

1998-2002

EDUCATION

- State University of Campinas (Unicamp), 2001. Computer engineering.
- State University of Campinas (Unicamp), 2010. Master in Genetics and Molecular Biology.
- Several certifications from Unixes:
 - SAIR Linux certification, 2001
 - CATE (Certified Advanced Technical Expert) for AIX, 2001.
 - HP-UX and Solaris System Administrator certifications.
- Many in-job courses and certifications, from **ITILv3** to individual products like Lotus Notes and Maximo.
- Embedded development courses with Embedded Labworks and (now extinct) Tech training

