

Guilherme Pontes

Development and Programming

Skills

Luís Guilherme Alvarenga Pontes

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Back-end development: Python, Java, PHP, C#, C++, NodeJS, Cobol and Delphi.

Web Developer and Front-end: Angular, React, Javascript, JQuery, CSS, HTML.

Oracle, PostgreSQL, MySQL relational databases, and NoSQL (MongoDB).

Linux Servers, with experience in Shell Script, Networks and Hardware.

Knowledge of Artificial Intelligence (Neural Networks) and heuristics.

Game development, image and video editing. Live and streaming.

Experience

Petrobras / Systems Analyst, Software Engineering

Since 2012, Rio de Janeiro, RJ / Since 2016, Macaé, RJ

Software Architect and development of Python, Java and .Net projects, such as: ART, DRB, Flexible Duct Monitoring, ANP Service. Agile Development with Jira.

Self-employed / Consulting and Systems Development

Since 2003, Rio de Janeiro, Bom Jesus, Campos, Macaé

Systems Analysis and Development: Maze.Center, IPBPrimavera, IkPonto, SisFarma, Disclosure System, Motel Automation System, Automação Universo, CineTV, Inter Science Place, among others.

Screenshots: <http://sistemas.lgapontes.com>

Dataprev / Manager¹ and Developer

2009 - 2012, Rio de Janeiro, RJ

Responsible for the Medical Expertise System, SISOBI, Biennial Review, Letters R2, BATINV, CONOBI, SEO-Notary and SEO-INSS systems.

Development of Java applications and maintenance of COBOL programs, executed on UNISYS Mainframe.

¹ I only worked in management from 2010 to 2012.

Exército Brasileiro / Developer, 2nd Lieutenant

2008 - 2009, Rio de Janeiro, RJ

Development of Java EE, Java SE applications and PHP pages.

Configuration of Application Servers (Container), CVS, among others, all in a Linux environment.

Systems Design based on UML and Requirements Engineering.

Use of open-source databases: PostgreSQL, Firebird and MySQL.

CTIS / Remote Operator and Developer

2007 - 2008, Campos dos Goytacazes, RJ

Systems development in PHP and user support with remote access tools.

Orange Technology / Network and Server Administrator

2006 - 2008, Bom Jesus do Itabapoana, RJ

Implementation and support of Linux Servers. Experience in services such as PDC, Firewall, Proxy and HTTP.

Universidade Iguaçu / College Professor

2006 - 2007, Itaperuna, RJ

Professor for undergraduate courses in Production Engineering, Oil and Gas Engineering, Information Systems and for the Computer Network Management technologist course.

Professor for the Linux Network Security postgraduate program, Intrusion Detection System module.

Online material: <http://aulas.lgapontes.com>

Universidade Salgado de Oliveira / Postgraduate Professor

2006, Campos dos Goytacazes, RJ

Professor for the Linux Network Security postgraduate program, Intrusion Detection System module.

“O Empresário” Newspaper, iNOVE Magazine / Columnist

2005 - 2007, Bom Jesus do Norte, ES

Columnist for the monthly newspaper “O Empresário”.

Monthly columnist for iNOVE magazine.

CIEP “Dona Carmita 149” / Post-Middle School Teacher

2004 - 2006, Bom Jesus do Itabapoana, RJ

Teacher of the post-secondary IT Qualification course for Assembly and Maintenance and Microsoft Office subjects.

CIEP “Dona Carmita 149” / Internship program supervisor

2004 - 2005, Bom Jesus do Itabapoana, RJ

Preparation and Supervision of the Volunteer Internship Project.

Autonomous / Network and Computer Administrator

2004 - 2005, Bom Jesus do Itabapoana, RJ

Network Administration – “Centro Social São José”.

Network infrastructure support – CIEP “Dona Carmita 149”.

Training

Universidade Estadual do Norte Fluminense / Master's degree

2005 - 2007, Campos dos Goytacazes, RJ

Master's degree in Production Engineering, Operational Research.

Work carried out with Artificial Neural Networks, linear and non-linear optimizations and programming with Java, C++ and Matlab.

Dissertation: http://lgapontes.com/pdf/dissertacao_Guilherme_Pontes.pdf

Universidade Salgado de Oliveira / Graduation

2001 - 2004, Campos dos Goytacazes, RJ

Degree in Systems Analysis.

Final project in PHP and PostgreSQL in a Linux environment.

Java, Network and Linux Monitor. Scientific Initiation in Engineering.

Publications

Progressive Web Apps: Construa aplicações progressivas com React, Casa do Código, ISBN:978-85-94188-54-0

"Construa aplicações progressivas com React" is a book in Brazilian Portuguese, and deals with the development of PWAs with React.

Courses

Senac Rio / Mandriva Linux 2006 Certified Course

2006 - 2007, Rio de Janeiro, RJ

System Administration and Network Administration.

Universidade Salgado de Oliveira / Scientific Research

2004, Campos dos Goytacazes, RJ

Scientific projects related to Engineering and Computing.

Universidade Salgado de Oliveira / Linux Operating System

2004, Campos dos Goytacazes, RJ

Basic course on the Linux platform.

Senac Rio / Computer Assembly and Maintenance Course

2003, Bom Jesus do Itabapoana, RJ

Practical content related to computer maintenance.

Speeches

Impact of free software on the job market.

Monsenhor Miguel de Sanctis Polivalente. Guaçui, ES

Presentation on UML.

Iguaçu University. Itaperuna, RJ

EAD: Virtual environment for education.

Salgado de Oliveira University. Campos dos Goytacazes, RJ