
MARIO IMPRONTA

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Systems engineer, integrator & developer. Experienced Linux and Unix systems programmer and administrator. Cloud/virtualization experience (Amazon/Xen/VMware/Google Cloud). Front-end developer (PHP and Javascript). Back-end developer: C/C++ and Shell scripting specialist; skilled ETL programmer in Talend Java/Perl. Experienced low level and embedded systems programmer. Programming languages and Unix instructor. Hardware/Electronics background. Financial and Risk Management knowledge. Public university, private telecomm and financial services experience, for Brazilian, British and Canadian companies. Native Portuguese and fluent English speaker.

Professional Experience

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| MI Consultoria e Treinamento, São Paulo, Brazil | (Owner - Consulting Services - 2021+) |
| M&M Tecnologia Ltda, Rio de Janeiro, Brazil | (Owner - Consulting Services - 2003-2021) |
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| Decision Tecnologia da Informação Ltda, São Paulo, Brazil | (Retail Payment Systems) |
| Systems Engineer & Developer | 2022 |
| As an engineer: creating virtual environments at Google Cloud for validation of TP products, for client <i>Diebold-Nixdorf</i> . As a developer: C code analysis/fixing, same client. Environments: GC, RedHat 7, gcc. | |
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| TO Brasil Consultoria em TI Ltda, São Paulo, Brazil | (Payment Systems Software) |
| Developer | 2021 |
| C/C++ development, code vulnerability analysis (Fortify), for client <i>Fiserv / Software Express</i> . Environments and tools: Fortify, FortifyOnDemand, Visual Studio, Visual C++, Windows 10. | |
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| ACI Worldwide Inc., São Paulo, Brazil | (Payment Systems Software) |
| Consultant | 2021 |
| Performing UPF (Universal Payments Framework) monitoring&configuration, for client <i>Santander GetNet</i> . | |
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| Solarview Tecnologia Ltda, Belo Horizonte, Brazil | (Solar Energy Integration Software) |
| Developer | 2018,2021 |
| Creation of Javascript/NodeJS robots-crawlers to collect solar energy data from providers. | |
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| IDid Tecnologia Ltda, São Paulo, Brazil | (Payment Systems Software) |
| Developer | 2021 |
| Python development and DevOps (setting up Amazon AWS servers, Jenkins CI/CD and Mmock/Golang). | |
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| Riskgrid Technologies Inc., Toronto, Canada | (Financial Risk Management Software) |
| Systems Engineer, Developer and Integrator | 2006-2020 |
| As an engineer: in charge of designing / setting up / integrating / managing all production, development and network environments on the brazilian side; as a developer/integrator: coding and customization of all data collectors/ETL and web services for Brazilian market data & fund analysis products (MarketWatch and FundWatch). System environments: CentOS and Windows Server (on Amazon EC2), Red Hat Enterprise & Fedora. Software environments: Talend, C/C++, Perl, Shell (bash), Apache, mySql and Oracle databases. | |

Brit Services Ltd., São Paulo, Brazil and London, UK (Financial Risk Management Software)
Systems Engineer and Developer 2011-2015

As an engineer: in charge of designing and maintaining brazilian office infra-structure; as a developer: integration/systems C/AIX programming on client site (HSBC). System envs: CentOS & Fedora, Windows, AIX. Software envs: C/C++, Shell (ksh), Sybase.

Algorithmics Inc. (now SS&C), Toronto, Canada (Financial Risk Management Software)
Network/Systems Administrator and Integrator 2001-2006

As an administrator: in charge of planning / setting up / integrating / managing all production, development and network environments for the brazilian chapter; as a developer/integrator: designing and coding data collecting & integration solutions for the Market Server data product. System environments: Solaris 9/8/2.6 for Sparc, Red Hat 7, Mandriva 2005, Windows Server 2003 and 2000. Software environments: C/C++, Perl, Shell (bash), Java, JBoss/Tomcat servers, MSSQL/Firebird/Oracle 9 databases.

APPI Informática Ltda (now Muxi), Rio de Janeiro, Brazil (Telecom Integration Solutions)
Telecom Support Analyst and Embedded System Developer 1998-2001

As a support analyst: remotely and on-site problem discovery/fixing in telecom/integration solutions. As a developer: coding/deploying POS embedded applications. System envs: SCO Unix, Slackware Linux, Windows NT 4, Verifone Omni/Verix. Software/Network envs: K&R C, Shell, SNA and TCP protocols.

Federal University of Rio de Janeiro, Brazil (Public University)
Computer Science Laboratory Administrator 1996-1998

In charge of installing & maintaining the four computer labs in Computer Science school. System environments: Windows NT 3.51/4.0 workstations, Slackware Linux servers and workstations, Windows 95 workstations, AIX (workstations), Novell (servers). Network envs: TCP/IP, Netware, NetBEUI.

Federal University of Rio de Janeiro, Brazil (Public University)
Weather Sciences Laboratory Administrator 1995

In charge of installing, maintaining and administering Meteorology labs in Geociences department. System environments: AIX, Windows 95/NT 3.51. Software/Network environments: Apache, Sendmail, TCP/IP.

Federal University of Rio de Janeiro, Brazil (Public University)
Programmer, Consultant and Instructor 1987-1995

For the academic community, as a programmer and internal consultant: application/system devel & consulting in C, Fortran and Pascal. As an administrator: PDP-11 (Unix), VAX 11/780 (VMS), EBC-32010 (Unix) systems administrator. As an instructor: C, 8086 Assembly, Unix System, VAX/VMS System.

Apoio Microinformática Ltda./Teledata, Rio de Janeiro, Brazil (Telecom Integration Solutions)
Systems Programmer and Embedded Systems Developer 1991

Systems and applications programming in C for HP-UX Unix platform. Embedded programming in C and Assembly for Ictus MT-01 POS (8051) platform.

Módulo Consultoria e Informática Ltda., Rio de Janeiro, Brazil (Security Software)
Systems Programmer 1986

Low level systems programming (software protection) in 8086 Assembly and C, on MS-DOS environments.

Federal University of Rio de Janeiro, Brazil (Public University)
Computer Operator 1985

Operation and administration for PDP-11 (Unix V6), VAX-11/780 and 8810 (VMS) systems.

Education

Computer Science, Federal University of Rio de Janeiro	(1985)
Electronics Engineering, Federal University of Rio de Janeiro	(1982)
Electronics Technician, Federal Center for Technical Education of Rio de Janeiro	(1979)