



Narcélio Filho



Education

- Computer Science, PUC-MG, 2003.

Fields of expertise

- System architecture
- System development
- Operating systems
- Embedded systems
- Coding tools
- Information Technology

Qualifications

- Systems architect with more than 15 years of experience in software design and development, both high-level as low-level, on many architectures, platforms and languages.
- Extensive knowledge in operating systems GNU/Linux, Android, Windows and MS-DOS.
- Dominates languages Python, C, C + +, and Assembly for x86 and Unix tools.

Courses

- PROCOM - Programação de computadores (UFMG, 1996 a 1997)

Languages

- Native Portuguese
- Technical English

Professional Experience

2013 – Present: MiningMath Software – Belo Horizonte – MG

- Development of mine planning software.

2007 – 2013: uLevel – Belo Horizonte – MG

- Device driver development for Linux and Windows
- Design and development of embedded systems and software solutions:
 - Integration of Intel VPro Technology and Free Software.
 - Development of hardware Test BIOS routine in Fourth for Alcatel-Lucent.
 - Development of Windows ACPI Drivers to Trust Computing on Windows 7 for HP (Hewlett Packard) Latin America.
 - Development of Free Software installation and update infrastructure on ASUS EEE PC.
 - Development of biometric software for Android.
 - Development of Android applications for statewide electric company
 - Development operating system images deployment, with the following specifications:
 - Cloning support to Windows (XP, Vista, 7, 8), Linux and MSDOS
 - UEFI Support
 - Secure Boot Support
 - Any size source and destination images
 - GPT and MBR support
 - Real time graphs and reports



- ERP integration

2010 – 2013: Satistech Tecnologia e Sistemas

- System architect responsible for the design and development of a risk management system, its user interface and the embedded system part.

2006 – 2007: Vetta Technologies

- Systems Development of ERP's MES layer (Manufacturing Execution System) used in a multinational steel company.
- Development of ERP system used in the Riverside County Office of Education, California, USA.

2003 – 2006: Fitec – Fundação de Inovações Tecnológicas

- Development of telecom software and digital switch's controller system.
- Design and development of industrial automating systems.
- Research and development of Brazilian Digital TV System middleware.
- Design and development of operating systems and middleware for embedded platforms.

1998 – 2002: Freelancer coder

- System development and module coding for small business and individuals.