

## ***Geyslan Gregório Bem***

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### **Summary**

Graduate in Computer area having expertise in software development, great professional relationship and focused at work. With more than 10 years of experience in development and 5 using basically C and Assembly languages on Linux platform. Looking now for new challenges and opportunities that allow him to learn new technologies and work with new people. With great interest in software development (C, Assembly, Lisp, Shellsript), mainly in linux kernel research/development.

As Open Source developer contributed to projects such as Linux, Metasploit, SLAE, cernyx, uzumaki and xrasengan.

### **Education**

Universidade Estácio de Sá, Graduate in Computer Programming and System Analysis.

### **Experience**

#### **Open Source Developer**

**Jan 2013 - Present**

*Random hacking*

**Kernel hacking:** Linux;

In 2013 started studying the linux kernel, contributing effectively with bug hunting and code improvement, resulting in more than 70 patches (and counting)

#### **Tribunal Regional do Trabalho da 7ª Região**

**Oct 2012 - Present**

*Judiciary Technician*

**Government Employee:** Manager Assistant;

Analysis of court cases and decisions that depends on the responsibility of how to know to enforce the federal law. And maintenance on computer equipment, as a sport.

#### **Bradesco Bank**

**Jan 2007 - Jul 2012**

*Executive Commercial Manager*

**Bank Executive;**

Coordinated 72 bank agencies. Besides the formal banking attributions, developed excel sheets (VBA macros) to automatically track the diary agencies results by e-mail. Before assuming that role, was Administrative Manager in two agencies and Administrative Supervisor.

#### **Diretorium Informática**

**Feb 2000 - Dec 2003**

*Software Engineer*

**Main Technologies:** Delphi, Object Pascal, C, Paradox, Firebird, DBMS;

Member of a team responsible for designing and developing three commercial systems:

\* Developed SALE (Sistema de Acompanhamento de Logística e Estoque), a software for control logistics and product stock. The SALE runs in Windows platform and was developed using Delphi with Firebird.

\* Assisted to improve and to correct bugs in SEV (Sistema de Estoque e Vendas), a software for stock and sales control. Runs in Windows and was developed using Delphi with Paradox.

\* Improvement of Lockar, a movie rent system that runs in Windows. Lockar was developed using Delphi with Paradox. It was conceived as a commercial software but was deployed as freeware later.

Other activities involved: Operating system and network administration, Delphi and C development, debugging, profiling, code analysis etc.

## Skills Base

*Operating System:* Linux (Debian, Ubuntu, [Arch Linux](#)), Windows NT/XP/Vista/7;

*Network:* TCP/IP protocol suite, openssh, ftp, samba;

*Programming Languages:* C (proficient), Assembly (proficient), Pascal (proficient), Shellsript (proficient), Emacs Lisp (prior experience), Python (prior experience), Ruby (prior experience);

*Virtualization:* VirtualBox, qemu;

*Cloud:* Owncloud, Apache, MySQL, PHP;

*Languages:* Portuguese (fluent), English (intermediate - OOPT B2) and Japanese (elementary/phonetic syllabaries);

## Open Source Projects

- **SLAE:** Security Linux Assembly Expert course assignments. All seven assignments accomplished with merit. This project gave birth to some of the smallest (and functional) shellcodes in the world. Smaller than those present in Metasploit. Eg. Tiny Shell Bind TCP and Shell Bind TCP Random Port (latter is unique).  
(<https://github.com/geyslan/SLAE>)
- **cernyx:** A kernel project for academic purposes that uses grub and its multiboot support.  
(<https://github.com/geyslan/cernyx>)
- **uzumaki:** A simple Emacs buffers cyler that optimizes the swapping between open buffers in this famous editor.  
(<https://github.com/geyslan/uzumaki>)
- **xrasengan:** An xrandr wrapper to make multi-monitor setup easier.  
(<https://github.com/geyslan/xrasengan>)

## More Info

- **Linkedin:** <http://www.linkedin.com/in/geyslan>
- **Github:** <https://github.com/geyslan>
- **Personal page:** <http://geyslan.github.io>
- **Posts:** <http://hackingbits.github.io/authors/#geyslan>