

# Pedro Gonçalves

NETWORK ENGINEER · SECURITY CONSULTANT

(Portugal)

☎ (+351) | ✉ birapt@gmail.com | 💻 birapt | 📱 pedrov6

*"It's a shame that the ability that separates us from the other living species, it's often wasted when you become a sheep, just following the flock."*

## Experience

### Senior Network IP and Security Consultant

Portugal

MEO SERVIÇOS DE COMUNICAÇÕES E MULTIMÉDIA, S.A

October 2015 - current

- Currently at Cyber Security division working in the development and engineering of network security and DoS mitigation architectures across service provider network perimeters;
- Cyber Threat Intel Collection;
- Vulnerability Assessment;
- Malware detection and protection;
- Endpoint Security;

**Tools and Technologies:** Docker, Git, Gitlab, Markdown, pdns, Burp, Kali, OSSIM, Cisco AMP, ExaBGP

### Senior IP Consultant

Portugal

PT COMUNICAÇÕES, S.A

June 2014 - September 2015

- Deep Packet Inspection technology engineering, implementation and operations in internet service provider networks;
- Development and evaluation of Software-Defined Networking/Network Function Virtualization solutions for internet service providers;
- Development and engineering of network security and DoS mitigation solutions in service provider infrastructures;

**Tools and Technologies:** Deep Packet Inspection Sandvine (PTS/SPB/SDE), OpenStack, Arbor CP/TMS, Git, Gitlab, Markdown

### SAPO Head of network operations

Portugal

PT COMUNICAÇÕES, S.A

January 2003 - June 2014

- Operational team management and coordination;
- Internet Service Provider network infrastructure project management and consultant;
- IPv6 implementation in service provider networks and services;
- Local Internet Registry representative for RIPE NCC;

**Tools and Technologies:** Deep Packet Inspection, IPv6, Nagios, Centreon, Cacti, Trac, Subversion, syslog-ng, Splunk, Radius (Radiator AAA), Apache, Nginx, Lighttpd, Unbound, NSD, Bind, Postfix, Linux, Xen, MS Active Directory

### ISP Network Engineering

Portugal

PT.COM - COMUNICAÇÕES INTERACTIVAS, S.A

April 1999 - December 2002

- ISP IP Core network engineering;
- ISP IPv4 Address management and pt.telepac Local Internet Registry representative for RIPE NCC;

**Tools and Technologies:** IP, BGP, EIGRP, Cisco, Netflow

### Enterprise Internet Tech Support

Portugal

TELEPAC II - COMUNICAÇÕES INTERACTIVAS, S.A

September 1996 - April 1999

- Internet tech support expert for enterprise customers;
- Development of tech support portal features and FAQ
- ISP IPv4 Address management for pt.telepac Local Internet Registry;

**Tools and Technologies:** Frame-Relay, HDLC, RDIS, ATM, Routing, DNS, SMTP, POP3, IMAP, IRC, Linux

### Residential Internet Tech Support

Portugal

TELEPAC - SERVIÇOS DE TELECOMUNICAÇÕES, S.A

July 1995 - August 1996

- Internet tech support expert for residential customers;

**Tools and Technologies:** PPP, IP, DNS, SMTP, POP3, IMAP, IRC, Linux

## Tech support for GSM data and fax services

TELECEL / VODAFONE

Portugal

May 1995 - July 1995

- Incident management and tech support for GSM data and fax services;

**Tools and Technologies:** PPP

### Administrative support operator

TMN, S.A

Portugal

April 1995

- Administrative sales support to enterprise customers;

**Tools and Technologies:** MS Office Suite

### Administrative support operator

TELEPAC - SERVIÇOS DE TELECOMUNICAÇÕES, S.A

Portugal

March 1993 - March 1995

- Administrative sales support to data services enterprise customers;

**Tools and Technologies:** MS Office Suite

## Technical Hands-on Skills

---

### SECURITY

- Deep Packet Inspection;
- Network IDS Deployment;
- Security Incident Analysis;
- Vulnerability Scanning;
- Network Security Engineering and Operations;
- DDoS Detection and Mitigation;
- Malware Detection and Protection;
- Endpoint Security;

### NETWORKING

- Network Troubleshooting;
- Load Balancing;
- NG Firewalls;

### TOOLSET

- Linux (Debian/Redhat based);
- MS Active Dir;
- Git;
- Docker;
- Shell scripting;
- Nginx;
- MySQL;
- Nmap;
- vim;
- Nagios;
- Cacti;
- Centreon;
- Otrs;
- Ossec;
- OSSIM;
- Burp Suite;
- Wireshark;
- syslog-ng;
- Unbound;
- NSD;
- Bind;
- Quagga;
- ExaBGP;
- basic Perl;
- basic PHP;

## Education

---

Escola Secundária Belém-Algés

HIGH SCHOOL GRADUATE

Portugal

1994

## Training

---

### TECHNICAL TRAINING

- Deploying Cisco ASA Firewall Features;
- Troubleshooting and Maintaining Cisco IP Networks;
- Implementing Cisco IP Switched Networks;
- Implementing Cisco IP Routing;
- Interconnecting Cisco Network Devices
- Implementing Cisco QoS
- Configuring BGP on Cisco Routers
- Cisco CRS-1/3 Essentials
- Cisco ACE 20

### TEAM MANAGEMENT

- PT Comunicações Internal talent management program - Dedicated Coaching in leadership skills;
- Team management and motivation;

### PROJECT MANAGEMENT

- PMF - Project Management Frameworks;
- PMS - Project Management Simulation;

## Languages

---

PT	<b>Portuguese</b> , Native Language	<i>Proficient</i>
EN	<b>English</b> , Listening, Reading, Speaking and Writing	<i>Proficient</i>
FR	<b>French</b> , Listening, Reading, Speaking	<i>Basic</i>
ES	<b>Spanish</b> , Listening, Reading, Speaking	<i>Basic</i>

## Interests

---

### SPORTS

- Table Tennis;
- Cycling and occasionally BMX Freestyle;

### OTHER

- Fossil Hunting;