

# PAVOL BOLIBRUCH

Senior IT Professional & Systems Engineer • Linux/Unix Specialist • Telco Systems • Cloud & Virtualization

## PERSONAL DATA

Name and Surname	Bc. Pavol Bolibruch
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Driving Licence	Category B, C (Slovakia), D (US)

## PROFILE

Passionate computer science professional with extensive experience since 1996 in IT infrastructure, systems engineering, and telco solutions. Expert in Linux/Unix environments, virtualization, cloud platforms, and network administration with a security-centric approach. Proven track record of leading technical projects, implementing enterprise solutions, and supporting critical telecommunications infrastructure across multiple countries.

## CAREER HISTORY

**Sr Enterprise Customer Service Specialist - IT** *July 2023 – June 2024*

**ThermoFisher Scientific**

100% remote (12-month contract)

**Technologies:** Linux Ubuntu Debian CentOS Kubernetes Azure AWS GCP Docker DNS DHCP LDAP SMTP

- Installation and support of Linux systems (Ubuntu, Debian, CentOS) in on-premises and cloud environments
- Kubernetes cluster administration with security-centric approach
- Linux shell scripting for automation and system optimization
- Supporting ARDIA applications across Azure, AWS, and GCP platforms
- Management of virtualization and container technologies
- Network administration including firewalls, load balancing, and multi-tiered architectures
- Evaluation and implementation of new technologies, networks, and data management systems

**IT Lead (Contract)** *June 2021 – December 2022*

**Visteon Electronics**

Namestovo, Slovakia

- Coordinated all IT department activities and project delivery
- Planned and delivered IT projects aligned with local business needs
- Created and validated technical concepts and solutions to support business processes
- Developed and maintained comprehensive technical documentation
- Ensured implementation and compliance with IT security policies
- Led cross-functional teams to achieve project milestones

**Systems Administrator** *August 2019 – August 2020*

**Prokes rubber s.r.o.**

Namestovo, Slovakia

**Technologies:** Windows Server 2002+, Windows 10, Hyper-V

- Maintained Windows Server infrastructure across multiple versions
- Managed Windows 10 workstations and terminal environments
- Administered Hyper-V virtualization platform
- Ensured system reliability and performance optimization

**Linux Systems Administrator** *May 2018 – August 2019*

**Descartes Systems**

Namestovo, Slovakia

**Technologies:** Red Hat, Windows, UNIX, AIX, Debian, CentOS, Ubuntu, TCP/IP, DNS, HTTP(S), SSH, SMTP, NTP, Postfix, Pro FTP, MySQL, LDAP

- Administered OSP platform across heterogeneous environments

- Managed Linux services including TCP/IP networking, DNS, and web services
- Maintained SMTP infrastructure with Postfix configuration
- Implemented security functions including proxy, firewall, encryption, and certificate management
- Supported database connectivity and LDAP authentication services

### **IN Specialist - Operations** *December 2006 – December 2014*

#### **Alcatel-Lucent**

Slovakia

**Technologies:** OSP, MMIC, CMM, Red Hat, Windows, UNIX, Linux, Sun Solaris, Sure-Pay, MAS platform, eVPN, Oracle, Times-Ten, RDBMS, MySQL, PostgreSQL, Cisco Switches, Terminal Servers

- Managed Intelligent Network (IN) operations and platform maintenance
- Administered multi-vendor systems including Sun Solaris, Red Hat, and Windows
- Supported telecommunications databases including Oracle, Times-Ten, and MySQL
- Configured and maintained Cisco network equipment
- Provided tier-2/3 support for critical telco infrastructure

### **IT Manager & Solution Designer (Freelancer)** *January 2015 – February 2020*

#### **HiTeS, s.r.o.**

Slovakia

- Provided IT management consulting and solution design services
- Developed technical architectures for client requirements
- Implemented network and system solutions
- Managed project delivery from conception to completion

### **IT Manager & Solution Designer (Freelancer)** *February 2008 – September 2025*

#### **Daniela Turacova M.D.**

East Providence, RI, USA

**Technologies:** HP Windows Server 2008 SB, Windows 10, RAS

- Designed and implemented complete IT infrastructure for medical practice
- Network implementation and system integration
- Installation and commissioning of hardware and software
- Remote access configuration and support for medical applications

### **Network Administrator** *June 2005 – August 2006*

#### **Inter-software Development, Inc.**

Acton, MA, USA

**Technologies:** Windows NT Server

- Provided network administration and support services
- Maintained Windows NT Server infrastructure
- Delivered technical support to end users

## TELECOMMUNICATIONS PROJECTS

### IN Operation Engineer

**Alcatel-Lucent** | Newbury, UK | August 2014 – December 2014

*Client: Vodafone UK | Role: Tier 2 Operations Team*

- Fixed problems and liaised with development groups
- Managed AR/Defect/Ticket resolution on hardware, software, and configuration
- Performed MAS platform retrofit and application upgrades
- Integration and configuration management

**Technologies:** Sun Solaris, MAS platform, SurPay, Alcatel-Lucent proprietary platforms

### Technical Project Manager

**HiTeS, s.r.o.** | Vienna, Austria | March 2011 – October 2011

*Client: Hutchison, T-Mobile (3 Austria) | Project: B-node replacement*

- Led implementation team throughout project lifecycle
- Maintained communication channels with higher-level support and customer
- Prepared and managed implementation phase plans
- Updated project documentation and provided technical leadership

**Technologies:** MS Project, Word, Excel, Hutchison proprietary platforms

### Telco Systems Engineer

**Alcatel-Lucent** | Sheffield/Edinburgh, UK | September 2009 – May 2010

*Project: MAS Platform Implementation, migration, configuration*

- Installed and configured Windows, Linux, and Solaris operating systems
- Configured EPG, OPCH, IAE, IAS, SMS, CDB, DVBIPI, UG, Application Servers, CMS
- Performed COI and XML+SOAP testing and network configuration

**Technologies:** Oracle, IIS, Times-Ten Database, Sun Solaris, MAS platform, Sure Pay, Cisco

### Telco Systems Engineer

**Alcatel-Lucent** | Prague, Czech Republic | March 2009 – July 2009

*Client: Vodafone Czech | Project: Sure-Pay Commissioning*

- Provided on-site testing and configuration support for MAS and eSM
- Platform and customer support team collaboration

**Technologies:** eSM, Mi-life Application Server, Sun Solaris, SPARC architecture

### **Telco Systems Engineer**

**Alcatel-Lucent** | Tirana, Albania | August 2009 – November 2009

*Client: Vodafone Albania | Project: eVPN 6.9 to 7.1 upgrade*

- Commissioned ALU delivered cabinets
- Installed, configured, and updated Sun Solaris and MAS Platform software
- Integrated with core network application servers

**Technologies:** eSM, MAS Application Server, eVPN, Sun Solaris, SPARC architecture

### **Telco Systems Engineer**

**Alcatel-Lucent** | Baku, Azerbaijan | November 2008 – February 2009

*Client: Delta Telecom Azerbaijan | Project: NGIN*

- Integrated MMIC Application Software and performed testing/acceptance
- Configured VMware environments and managed licensing
- Commissioned systems and provided remote support via Real-VNC

**Technologies:** Red Hat Linux, MMIC, VMware, Windows XP, DL 380 G5

### **Telco Systems Engineer**

**Alcatel-Lucent** | Lisbon, Portugal | August 2008 – November 2008

*Client: Vodafone Portugal | Project: eVPN 6.9 to 7.2 Service Update*

- Commissioned ALU delivered cabinets
- Installed, configured, and updated Sun Solaris and MAS Platform software
- Integrated with core network application servers

**Technologies:** eSM, MAS Application Server, eVPN

### **Telco Systems Engineer**

**Alcatel-Lucent** | Milan, Italy | February 2008 – July 2008

*Client: Mobile Telecommunications Company | Project: eVPN 6.9 to 7.2 Service Update*

- Commissioned ALU delivered cabinets
- Installed, configured, and updated Sun Solaris and MAS Platform software
- Integrated with core network application servers

**Technologies:** eSM, MAS Application Server, eVPN, Sun Solaris, SPARC architecture

## Telco Systems Engineer - Lab Supervisor

Alcatel-Lucent | Liptovsky Hradok, Slovakia | July 2007 – January 2008

*Project: Lab OSP & Application Maintenance*

- Installed and configured OSP platform
- Provided application support and maintenance

**Technologies:** OSP, CMM, MMIC, Sun Solaris, SPARC architecture

## Telco Systems Engineer

Alcatel-Lucent | Taipei, Taiwan | March 2007 – April 2007

*Client: Telecom Taiwan | Project: CMM Installation & Integration*

- Installed and configured software on Sun Solaris Platform
- Performed configuration updates and integrated with core network

**Technologies:** CMM, Apache/Tomcat, OSP, Sun Solaris, Red Hat Linux

# TECHNICAL SKILLS

## Operating Systems

Linux (Ubuntu, Debian, CentOS, Red Hat)  
Windows (Server 2002-2019, 10, 11)  
UNIX, HP-UX, AIX, Sun Solaris, Mac OS

## Virtualization & Cloud

KVM, VMware ESXI 6.x+, Proxmox  
Hyper-V, Kubernetes, Docker  
Azure, AWS, GCP

## Networking

TCP/IP, DNS, DHCP, LDAP, SMTP  
HTTP/HTTPS, SIP, S57, SIGTRAN  
DIAMETER, Cisco, Mikrotik  
Firewalls, Load Balancing

## Databases

MySQL, PostgreSQL, Oracle  
Times-Ten, RDBMS, Sybase

## Programming

Java, SQL, Shell, Perl, C++, Bash  
HTML, XML/WSDL, PHP

## Alcatel-Lucent Platforms

MAS, eSM, HLR, HSS, UMF, Sure Pay  
eVPN, EPG, OPCH, IAE, IAS, SMS, UG  
Application Servers, CMS, OSP, CMM, MMIC

## EDUCATION

January 2001 – September 2006	<b>Bachelor of Computer Science</b> (Dean's List, cum laude) Wentworth Institute of Technology, Boston, MA, USA
September 1998 – September 1999	<b>System Engineer Program (MCSE)</b> Clark University, Boston-Cambridge, MA, USA
September 1997 – September 1998	<b>A+ Certified</b> Computer Processing Institute, Cambridge, MA, USA

## CERTIFICATIONS & LANGUAGES

<b>Certifications</b>	COMPTIA Network+, MCSE (1999), A+ Certification (1998)
<b>Languages</b>	Slovak (Native), English (Fluent), Czech (Fluent), Polish (Conversational), Russian (Basic)

## PERSONAL QUALITIES

Flexibility • Excellent communication • Professional conduct • Stress resistance • Fast learner • Problem-solving • Technical leadership • Cross-cultural collaboration

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### **CONSENT TO PERSONAL DATA PROCESSING**

*In accordance with Article 6 (1) (a) of Regulation of the European Parliament and of the Council (EU) 2016/679 (GDPR), the candidate: **Pavol Bolibruch** hereby gives free and voluntary consent to the processing of personal data contained in this CV for recruitment purposes.*