

CURRICULUM VITAE

Name:

CORNELIU VOICHITA

Birth day and place:

1962, Bucharest - Romania

Education / Seminars / Courses:

1982 - 1987, Electro-technical Faculty in Technical University of Bucharest. Graduate in 1987 with maximum evaluation note on final project. Graduation theme: "System for monitoring and diagnosis controlled by 8086 microprocessor".

1988, "Radar systems", Military Technical Academy of Bucharest.

1996-2000, Electronic and computers seminars and exhibitions in Germany and Czech Republic.

1998, "Data transmission with optical fibers", training course, company Optokon, Czech Republic

2005, "Field instrumentation", training course, company Magnetrol, Belgium

2007, "Field instrumentation - level and flow transducers", training course, company Magnetrol, Belgium

2008, "Data acquisition and industrial computers", training course, company Advantech, in Germany (Graduate with Gold Certificate)

2009, Cisco CCNA and CCNP and Juniper training courses, company 2K Telecom, Bucharest

2010, Siemens Teleprotection Equipments, training course, company Siemens, location - Brazi Vest substation

2011, Microsoft Windows Server 2008 R2, training course, company Asseco SEE, Bucharest

2011, Microsoft Share Point 2010, training course, company Microsoft Romania, Bucharest

2011, "Information Security in distributed SCADA systems", training course, company Formenerg

2011, "European management and control standards", training course, company European Project Consulting

2012, "Ensuring IT Security for Energy Infrastructures", training course in Berlin, hosted by European Academy for Taxes, Economics & Law

Military training:

1981 – 1982 stage on radio communications.

1987 - methodical convocation

1988 - "Radar systems", Military Technical Academy of Bucharest

Employment:

1987: "Romlux" Targoviste, research and development engineer (light systems).

1987 – 1995: ELPRAF S.A. (IEIB - Industrial Electronics Bucharest): In the beginning Research and Development Engineer and after that Product Manager in radio communications and radar systems, design of medical equipment, audio equipment, power supply systems, automation and software for testing.

Main activity: project designer and manager, preparation for production, commissioning.

1995 – 2001: ROCCAS Srl (distributor in Romania for TEMIC Telefunken, SEIKO Instruments, Densitron, Sonnenschein, etc): sales engineer, network administrator, hardware and software development on microcontroller systems, electronic systems, technical support and sales for electronic components and systems.

Main activity: technical assistance, technical and price quotations, project designer and manager.

2001 – 2002: TEHNOINVEST S.A. (representative for 15 companies from USA, UK, Canada, Israel and Germany in IT, security systems, embedded systems, data transmission, acquisition and processing, industrial computers, radio communications – high technology), sales and technical support engineer in Hi-Tech Department.

Main activity: promotion, technical assistance, technical and price quotations

2002 – 2009: ROM DEVICES Srl (distributor for Magnetrol, Honeywell, Advantech, Rittmeyer, etc): sales and technical support engineer for field instrumentation, industrial computers, data acquisition and processing, data transmission, computer networks, automation systems, hardware and software design with Siemens PLC – S7-200 and S7-300 and SCADA WinCC. From December 2004, Technical Manager – responsible for technical coordination of the sales engineers, technical support and service for customers and Project Manager.

Main activity: technical and price quotations, visits to customers, technical assistance, project designer and manager, commissioning

2009 - 2012: National Power Grid Company - Transelectrica. Starting as engineer on IT&C department, continuing as IT&C expert on Technical Department. After that, Programme Director - process IT, responsible for SCADA systems on National Dispatch Centre.

Main activity: Managing, implementing coordination of projects, member of the working group in projects for maintenance and upgrade of the SCADA systems, technical assistance and expertise in IT&C, member in ENTSO-E IT&C projects.

2013 - prezent: Independent IT&C consultant

Technical skills:

- **AUTOMATION:** extended knowledge of field instrumentation, hardware and software design of automation systems based on Siemens PLC and Simatic Step 7 software, SCADA software (Siemens WinCC, Advantech Studio, Indusoft Web Studio, GeniDAQ, AdamView), data acquisition and control systems, industrial communication.

- **COMPUTERS and INTERNET:** design, setup, configuration and administration: networks, servers, workstations for Internet access and services, mail, ftp, etc. Design of web sites. Setup and administration of LINUX internet servers, hardware and software (OS and applications) for IBM-PC compatible computers and NOVEL, DOS, WINDOWS, LINUX networks. Linux user since 1998, registered with #222225.

- **SOFTWARE:** Operating systems setup; Office software; Internet software: browsers, mail clients, ftp clients, telnet clients, etc; Web design software: FrontPage, DHTML, etc; Graphic software: PaintShopPro, Corel. Acknowledgment on C, Basic 7.1, Assembler and Visual Basic, LINUX applications.

- **CAD & ELECTRONICS:** design of electronic equipments analog and digital, PLD, proficient with OrCAD (all versions).

- **EMBEDDED SYSTEMS:** Design of systems with 8086 and 8051 series microcontrollers (hardware and software).

- B driver licence.

Relevant projects:

- **1987-1989:** design and execution of testing systems for military radio transceivers (with Tektronix computer).
- **1990-1993:** project manager – power supply and automation system for military radar
- **1994-1995:** project manager - simulator for military radar
- **1996:** design and execution of computer network for Roccas Company, design and setup of internet server and web site
- **1998-1999:** project manager – system for management of clients (8051 microcontrollers and RS485 communication)
- **2000-2001:** project manager – fiscal printer (8051 microcontrollers and RS232 communication)
- **2002:** upgrade of computer network for Rom Devices Company, design and setup of internet server and web site
- **2003:** design and commissioning – automation system for pumps - hydro power plant (Siemens PLC, Modbus communication)
- **2003:** project manager, design and commissioning – automation system for compressors – hydro power plant (Siemens PLC, Modbus communication)
- **2003-2005:** projects and commissioning of several automation and field instrumentation systems (on refineries, hydro power plants, chemical plants etc)
- **2005:** project manager, design and commissioning – automation for micro hydro power plant (with data acquisition and data recorders)
- **2006:** project manager, design and commissioning – automation system for gates – hydro power plant (5 systems with Siemens PLC, Profibus, Modbus and SSI communication, frequency inverters, WinCC SCADA – project value: 180000 Euro)
- **2006:** project manager, design and commissioning – automation for gates heating – hydro power plant (2 systems with Siemens PLC and Modbus communication)
- **2007:** project manager, design and commissioning – automation for micro hydro power plant (with Siemens PLC and SCADA Indusoft Web Studio)
- **2009:** installation and administration of proxy and external DNS servers in Transelectrica
- **2009-2011:** member of the technical working group for implementing of CTSI centers in Transelectrica (remote control centers for substations)
- **2010:** technical support in verifying several substation projects (IT&C part)

- **2010:** commissioning of several software applications in Transelectrica: technical library portal, implementing of standards library, ENTSO-E working group internal portal
- **2010:** member of the comision for FAT - Mintia substation project, Siemens - Austria
- **2011:** design of a project for backbone fiber optic infrastructure at country level
- **2011-2012:** member of the Electronic Highway comision and EAS comision (ENTSO-E)
- **2013-2019:** IT consulting, development of my personal website, update of various projects related to: multi OS portable kits for work and rescue, electronics and data acquisition projects.

Communication abilities:

Romanian : ILR level 5, English: ILR level 4, French: ILR level 3, German: IRL level 2

Address:

Phone:

E-mail:

Website: <http://voichita.com>
<http://voichita.duia.eu>
etc

Date: January 29, 2019