

CURRICULUM VITAE

First name: **INDREIAS**
Name: **IOAN**
Sex: Male
Date of birth: September 11, 1971
Place of birth: Bucharest, ROMANIA
Marital status: Married, with 2 children
Home address: 54 Maria Ghiculeasa, sector 2, cod 72228, Bucharest, ROMANIA
Contact: Home: +40-21-688.84.28 E-mail: ioan.indreias@modulo.ro
Mobile: +40-741-019.206 Web: indreias.50webs.com
Foreign languages: English, French

EDUCATION:

1996 *Advanced Studies* - Polytechnic University of Bucharest;
1990 - 1995 Student at Polytechnic University of Bucharest, *Electrotechnical Faculty*,
Power control department;

OTHER TRAININGS:

- CERN Accelerator School - *Magnetic Measurement and Alignment*, Montreux, Switzerland, 1992;
- Third International Conference on Accelerator and Large Experimental Physics Control Systems, Berlin, Germany, 1993;
- AutoCAD R11 - Level 1 Instruction Course, P.U.B. ATC, 1996;
- Authorized electrician, grade II, by CONEL-SDB, 1999.

PROFESSIONAL EXPERIENCE:

- VoIP Open Source Linux and Asterisk servers implementations with SIP phones and ATAs
- Solaris, HP-UX, Tru64, Linux, NT4.0 Servers and Intel RMX machines in real time production applications
- Designing and commissioning GSM sites - electrical aspects (power supply, grounding, cables trays)
- Designing and commissioning industrial / residential electrical and automation installations
- Real-time programming experience – x86 computers (rotor resistance estimator for induction motors, control of the high voltage on electrostatic precipitators, microwave power control for 2.45 GHz & 800 W conventional magnetrons)
- Complex 2.45 GHz microwave systems (magnetrons, measurements and control)
- **Computer languages** - Pascal, Visual BASIC, x86 Assembler, HTML, VHDL
- **Operating systems** - UNIX, Linux, Windows
- **CAD** - AutoCAD, OrCAD, PSPICE, CADENCE

WORKING STAGES:

2005 - present Modulo Consulting, Bucharest
2003 - 2005 Freelance IT Consultant, Bucharest
2000 - 2003 Verint Systems – Customer Support Group, Bucharest
1997 - 2000 Seracom Engineering – Electrical Department, Bucharest
1995 - 1997 IFTAR, Electrons Accelerator Lab., Institute of Atomic Physics, Bucharest
1995 ICPE-SAERP, Power Control for Urban Transport Dept., Bucharest

OTHERS:

- Clean driving license, B category, since 1992
- Non-smoker
- Low level software and I/O interfaces programming fan
- Open minded, fast learning and highly motivated person

SPECIFIC AT EACH JOB OR COURSE:

1. February 2005 - present

- Working at **Modulo Consulting**
- IT Consultant – VoIP Business Line Manager
- Customer support for PrePaid HP platforms for mobile subscribers
- VoIP small to medium size projects (based on OpenSource Linux and Asterisk servers): design, implementation, configuration and comissioning
- HP-UX and Tru64 enterprise servers, with HP proprietary real time applications

2. August 2003 – February 2005

- Collaborations with Mix IT, Tecno IT and other small companies as a freelance consultant
- IT Consultant
- Projects involved such as upgrading telecommunication network at Fac. Agronomy, IT service contracts for different customers, design and install database application for Tohani winery with interface to PLCs, etc.

3. February 2000 – August 2003

- Working at **Verint Systems** (international company) / TecnoIT Global
- Customer Support Engineer / IT Manager
- Install, upgrade and support, in a customer facing environment, country wide WAN and 7 regional sites LAN networks (for a total of aprox. 300 workstations and servers) for one of Romanian governmental agency
- Small software tools designed for customers specific needs (VB, VBA in Access)
- Interface and trainings to the local customers. Several working stages in Israel and Indonesia
- Install and administrate TecnoIT office network (10 workstations and 1 server) and telecom equipments
- Solaris (on Sun's Ultra 60, Ultra 10 workstations and x86 machines), NT 4.0 and Windows 2000 servers, Intel RMX machines for real time voice recording, Sybase SQL database servers with High Availability and proprietary real time monitoring / offline processing applications, VB, VBA

4. December 1997 - February 2000

- Working at **Seracom Engineering** (Holland - Romanian company), Electrical Department
- Electrical / Instrumentation / Control (EIC) Engineer
- Technical revues on sites (40), designing electrical layouts for GSM sites (25), sites commissioning (40) and sites execution (2) for Mobifon GSM company – new or existing towers and building terraces
- Participating to the GSM country wide alarm standardization for Mobifon company
- Design and technical assistance for ventilation / air conditioning system at Citibank Romania
- Electrical and instrumentation design for the fire-protection pumps house at Procter&Gamble -Timisoara plant

- Technical support with electrical installations design, supervising and commissioning activities at Procter&Gamble -Timisoara Plant (11 months)
- 586, Windows'95, AutoCAD 14, Word, Excel, Outlook, Microsoft Project, Pascal

5. *October 1995 - December 1997*

- Working at IFTAR (Institute of Atomic Physics - Electron Accelerators Lab.)
- Junior Scientific Researcher
- Participation at low power-high energy electron beams irradiation, microwave materials processing (polymers, telephonic cables, wine, gases, sterilizations), microwave systems testing, microwave power control systems designing and testing, service in high voltage and microwave systems, real time software for high voltage equipments and magnetrons power control, data acquisitions and programming with DAS-1600
- 586, Windows 3.11, Pascal, x86 Assembler, OrCAD, PSpice, AutoCAD 10, Word, Excel, Power Point, Origin.

6. *October 1995 - June 1996*

- Polytechnic University of Bucharest - Advanced Studies program, "*Computer Aided Design of VLSI Circuits*" specialization
- VLSI, FPGA, PLA courses
- Dissertation – Home water and air control system based on a new developed chip (VLSI, digital, CADENCE, 20 μm CMOS technology)
- HP, SUN, DEC workstations - Unix, 586 - Windows'95, Linux, PSpice, CADENCE, VHDL

7. *June - October 1995*

- Working at ICPE-SAERP (Institute for Electrical Research and Design - Electric Systems and Power Rectifiers)
- Junior Engineer
- Testing new control systems for trolleybus, 5 service actions in Bucharest and Brasov trolleybus depots
- 486, Windows 3.1, OrCAD