

CURICULUM VITAE Rudolf Bošnjak

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Research Engineer and Consultant, Broadcast Engineer

Accomplishments

- Research in electric car-vehicle propulsion systems.
- Consulting services and work in building TV Broadcast Systems, Satellite uplink systems.
- Building TV Broadcast Systems and satellite uplink systems projects work in Bosnia and Herzegovina, Kosovo and Iraq.
- Military radio communication systems from Racal and Motorola work in Zimbabwe, Botswana and Angola.
- ICL - International Computers Limited mainframe computers work in former Yugoslavia
- Maintenance of PC Computers, maintenance of industrial electronics for various customers and installation of radio communication equipment

Professional Experience

Research engineer electric car-vehicle propulsion system Apr 2006 – Present

- Electric car-vehicle conversion from diesel/petrol engines to electric cars.
- First electric car prototype http://www.bev.ba/CADDY/modifications_last.html
- Second electric car prototype http://www.bev.ba/CORSA/modifications_power_drive_oc.html
- Third electric go cart prototype <http://www.bev.ba/ELECTRICKARTING/index.html>

Consultant engineer Jan2004 – Oct 2006

Sartelcom Sarajevo, BiH

- Implementing DVB-Digital Video Broadcast in Bosnia and Herzegovina.

International Consultant Apr 2003 – Oct 2003

SAIC - Science Applications International Corporation, USA and Baghdad

- Work as Senior Terrestrial Broadcast and Satellite Engineer, Site Manager, consulting, advisor, installation: for IMN at the Office of Reconstruction and Humanitarian Assistance - ORHA and later ORHA become CPA - Coalition Provisional Authorities, Baghdad, Iraq.

- IMN – Iraqi Media Network – Baghdad, Erbil, Dohuk, Sulaymaniyah, Kurdistan, Iraq.

Logistic Manager Sept 2001 – Aug 2001

Teleconsult, Italy (on location in Dubai, United Arab Emirates)

- Work done inside and outside Emirates Office Tower. System installation. Wide area of jobs included

in supporting activities at different levels of work.

- Installation 4 FM radio transmitters, combiner, shelter and installation of FM radio antenna system on

top of the Emirates Towers, at height of 350 meters in Dubai city, United Arab Emirates.

Consultant Sept 2000 – Aug 2001

IREX, USA (on location in Kosovo)

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- Senior Terrestrial Broadcast and Satellite Engineer, KTTN Site Manager, consulting, advisor, installation jobs.

Networking Engineer Sep 1999 – Oct 2000

Whitefield Computers, BiH

- Microsoft NT Servers, Networking Systems.

Networking Engineer Sept 1998 – Aug 1999

CRP BUSINESS DEVELOPMENT CENTER, BiH

- Cisco Communications.
- Sun Microsystems.
- Patton modem equipment.
- Sun Microsystems certificate

Chief Engineer Oct 1990 – May 1993

TECHNICON, Harare, Zimbabwe

- Duties also include the daily work with operating equipment and specific areas of noted experience:

□ Installing, commissioning and maintaining a wide range of communication Military HF Radio Communication Equipment and systems for National Army and National Police, and civilian usedifferent

equipment, supplied by Technicon to Zimbabwe customers from: RACAL Radio and RACAL Communications, Inc. and their antenna systems.

- Installation of HF/VHF/UHF DF-Direct Finding system
- VHF Jamming Systems and surveillance HF/VHF/UHF Receivers and RACAL RA6790/GM Receiver

□ Specific work on upgrade of Racal military radio communication equipment in Angola and Botswana for their National Armies.

□ Midland and Midland radio and Motorola: Installation, commissioning, programming and maintenance

of two way radio, repeater stations, base stations, antenna systems.

□ Designed and manufactured motorcycle adapters to interface Midland radios (including PCB, switching electronic and case) to Motorola headset. Work done for Zimbabwe Republic Police.

□ HARRIS RF Communications and Defense Communications

□ Installation of HF/VHF Military Base Station.

□ Installation 15 pieces of ATU-Automatic Tuning Unit for HF 100w mobile radios.

□ Meteorological Department Government of Zimbabwe: Installation and commissioning of Casella weather station and maintenance, installation and commissioning Feed-Back satellite dish antenna and PC computer for receiving and monitoring data from Meteosat satellite.

Service Engineer Sep 1989 – Oct 1990

VIDEO & COMPUTER SERVICE, Sarajevo, BiH

- Duties also include the daily work with operating equipment and specific areas of noted experience:

□ Maintenance of PC Computers, maintenance of industrial electronics for various customers and installation of radio communication equipment such as CB radio HF/VHF/UHF.

Hardware System Engineer Sep 1979 – Oct 1989

ICL, UK (on location in Croatia and BiH) <http://www.bev.ba/REFERENCE/computers/index.html>

□ Installation, maintenance of ICL mainframe computer equipment.

□ System 1902 with peripheral equipment,

□ System 1500,

□ System DRS 25,

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□ Point of Sale-PoS and optical scanners.

□ Work with DIGITAL PDP 11 mainframe computer connected to Scan - Data Corporation 2250/1 OCR

(optical character recognition) scanner.

Electric Technician Sep 1977 – Oct 1979

□ Maintenance tasks in Electronic Data Center

Programming and Software Skills

□ Microsoft HTML web page design, Microsoft Windows Operating systems, Microsoft Excel, Microsoft

Power Point, Corel Draw, and many other software programs.

Education

Study 3 year – Faculty of Political Science, University of Sarajevo, 1974

- 1977

Professional training courses attended world-wide

- 1999 - 2000 Whitefield Computers – Microsoft NT Servers, Networking Systems.
- 1998 - BDP- CRP - Cisco Communications, Sun Microsystems, Patton.
- 1996 - 1997, TVIN - OBN, SNG - Digital Broadcast Technology.
- 1993 - 1995, Comtec, Satellite communication Inmarsat C, GSM Telephony.
- 1990 - 1993, ALDEN, ITEC Inc., Magnavox, HARRIS, Midland.
- 1989 - AMSTRAD, Italy.
- 1980 - SCAN DATA Corporation USA
- 1977 – 1979, KODAK, Austria.