

## PERSONAL DATA

**Name and surname:** **Andrija Kunarac**  
**Date of birth:** 27 March 1973  
**Place of birth:** Foca, Bosnia and Herzegovina  
**Driving license:** Yes  
**Marital status:** Married with Rosanda, two children  
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## EDUCATION

**2003. Master degree** - Department of Optoelectronics and Laser Engineering, the Faculty of Electrical Engineering in Belgrade (*two years long*), University of Belgrade, Serbia

- NOKUT (the Norwegian Agency for Quality Assurance in Education the number **68381**) (**420 points**)

**1999. Bachelor degree** - Department of Physical Electronics - section for Optoelectronics and Laser Engineering, the Faculty of Electrical Engineering in Belgrade (*five years long*), University of Belgrade, Serbia

## LICENSES

- License (353 9693 04) for telecommunication networks projecting (for Serbia)
- License (453 7556 04) for telecommunication networks installing (for Serbia)
- License (352 K241 11) for industrial automation and regulation (for Serbia)
- License for telecommunication networks projecting (for Bosnia and Herzegovina)
- License for telecommunication networks installing (for Bosnia and Herzegovina)

## FINISHED COURSES

- The World of IP Communications
- Computer Telephony Integration
- Optical Communications Systems
- Managing a Microsoft Windows 2000 Network Environment (course 2126)
- AutoCAD 2006
- TeleCAD GIS
- Mobotix – starter, basic and SPI course
- Project management – MS Project
- Explosion proof electrical and non-electrical devices and installations
- TelMe by Micado

## SEMINARS AND CONFERENCES

- Telekom Srbija's Conferences for Maintenance Telecommunication Equipments and Systems (2001-2004)
- KMI's Seventh Annual Conference on Fiber optic Markets in Europe (Paris, France - 2003)
- Cisco conferences and seminars (Belgrade, Serbia 2003 - 2005)
- Implementation series standards SRPS ISO 9000 (Belgrade, Serbia 2007)
- Mobotix National Partner Conference (Zagreb, Croatia, 2013)
- Mobotix National Partner Conference (Zagreb, Croatia, 2014)
- Mobotix National Partner Conference (Bucharest, Romania, 2015)

## EMPLOYMENT

### UBConnect (2017-present) Field Project Manager FTTH Oppland and Hedmark

- Leading FTTH projects in Lillehammer and Moelv / 9 projects, 1500 HP customers

### UBQ (2015-2017) Optical networks engineer

- Planning and installing FTTH networks in Norway (areas: Oslo, Akershus, Levanger, Raufoss, Fåvang, Lillehammer...)

**Megatel (2004-2015)** (Network Department, Team Lead and Technical manager positions). I was responsible for:

- Managing the technical part of the company
- Broadening the clients network
- Projecting, installing and maintaining:
  - *Telecommunications networks*
  - *LAN/WAN networks*
  - *IP video monitoring networks and systems*
  - *Telemetry systems*
  - *IP access control and working time systems*
- System administration
- Trading devices and equipments
- Making and keeping trainings for telecommunications jobs

**Telekom Srbija (2000-2004)** (Network Division). My responsibilities were:

- All kinds of measurements for optical networks
- Calculating fiber optic power and loss budgets
- Maintaining optical distribution frames
- Documentation of fiber optic cable plant
- Providing reports and statistics
- Cooperating in planning, projecting, realization and commissioning of optical networks
- Commissioning of SDH networks (Alcatel 1660SM and 1670SM)
- Testing optical cables and fibers (mechanical, optical) and ODFs
- Preparing technical documentation for tenders

## EXPERIENCE WITH:

- *TELECOMMUNICATION INSTRUMENTS*
  - OTDRs (Hewlet Packard E6000, HP 8147, Tektronix-Y350C, EXFO FTB-150)
  - Optical power meter and optical telephone (EXFO)
  - Fiber Identifier (GN NetTest)
  - Instruments for PMD and CD measurements (NetTest (PMD440, FD440 and CMA 5000), Acterna (MTS-5000) and EXFO (FTB-4000)) (shorter experience)
  - Fluke Cable IQ tester
  - Multi-rate transmission test set (Agilent Technologies J212xA) (shorter experience)
  - 3M Dynatel cable locator
- *TELECOMMUNICATION EQUIPMENTS, DEVICES AND SYSTEMS*
  - Splicers (Fujikura FSM 40S, FSM 50S and Innoinstrument IFS 10)
  - Optical distribution frames and patch panels (Reichle-DeMassari, Egerton, TKB, ADC)
  - Optical PDH equipments (Siemens, Iritel)
  - Optical SDH equipments (Alcatel)
  - Routers and switches (Cisco, Linksys, Netgear)
  - IP cameras (Mobotix)
  - IP Access Control & Time Attendance System (iGuard)
  - VoIP systems (Digium)
  - NAS systems Lenovo EMC
  - Almost all of networking devices
- *SOFTWARE*
  - Simulation software for optical networks (Optiwave) (shorter experience)
  - MS Windows Server and MS Windows

- Cisco Network Assistant
- AutoCAD, TeleCAD GIS, TelMe
- MS Office (Word, Excel, Access, PowerPoint)
- MxCC – Mobotix Control Center

## **REFERENCES**

### **- Projecting**

- Chief designer (17 references)
- Chief of technical control of project (9 references)
- Associate in projects (29 references)

### **-Installing - Responsible Contractor**

- Optical networks (32 references)
- Telemetry (9 references)
- Copper networks (6 references)
- SDH systems (1 reference)
- LAN networks (12 references)
- IP video surveillance (12 references)
- IP access control and time attendance systems (2 references)

### **-Installing - Subcontractor**

- Optical networks (56 references)
- Wireless links and networks (1 reference)

### **-Maintaining telecom and integrated networks**

- Systems with more than 300 active devices, more than 200km optical networks, more than 1000 ports, more than 10 years
- Telecom Serbia optical networks, more than 10.000 km, more than 4 years

## **FOREIGN LANGUAGES**

- English
- French (basic)
- Norwegian (basic)

## **INTERESTS**

- economy
- management
- e-business

## **HOBBY**

- music
- swimming
- walking
- table tennis
- travelling