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Delcho

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| **Education**1981–1986 Technical University, Sofia, Bulgaria**M. Sc. in Telecommunications engineering*** Multiplexing and Transmission systems

**Professional experience**May 2016- Present, HUAWEI TECHNOLOGIES BULGARIA LTD**Support and Maintenance Engineer (Vivacom mobile network swap project)*** Site survey reports verification and communication with subcontractors and customers. Organizing and optimizing site survey reports process flow. Reporting progress on daily and weekly base.
* Site works supervision, technical support and installation quality verification.
* Handling complaints such as short delivery or wrong shipment. Analysing the reasons and tracking the process.
* Providing efficient training to Subcontractors.
* Optimize the Technical site support and Field Maintenance processes and operation efficiency.
* Creating of relevant reports on time and organizing the problem rectification.
* Tracking and solving Site configuration problems issued by OMC engineers and related staff. Dealing with complaint of correlative support and maintenance problems.
* Cooperation with project team and relevant department staff.

March 2016- May 2016, Migton Ltd, Plovdiv, Bulgaria**Telecom engineer (Vivacom mobile network swap project)*** Site survey
* Proposal for swap scenario and preparation of Site Survey Reports
* Coordination and supervision of installation teams
* Creating, maintenance, and update a variety of files, records, logs, and reports
* Ensure understanding and following safety rules by the entire staff

September 2015- March 2016, Actavo Ireland/ FTTH project in Caribbean **Test Engineer*** Optical tests of Primary and Secondary FTTH network ([Reflectance/Optical Return Loss](http://www.thefoa.org/tech/FAQS/FAQ-TEST.HTM#orl), Power measurements, OTDR)
* Calculation of a [loss budget](http://www.thefoa.org/tech/lossbudg.htm)
* Troubleshooting and repairs
* Daily reports
* Training the local staff

May 2015- August, BT/ Openreach Broadband project in the UK**Cable Engineer – Self-employed*** Site Survey
* Provisioning signing, warnings, lighting, safety provisions, guarding and any other traffic management measures according the requirements.
* testing for hazardous substances including gases
* Installation and termination of new cables in PCP and DSLAM
* Changeover the the EO cables using of ‘no-break changeover’ techniques;
* Testing and faultfinding of copper cables

March 2014- May 2015, Migton Ltd, Plovdiv, Bulgaria**Telecom engineer (Telenor mobile network swap project)*** Site survey
* Proposal for swap scenario and preparation of Site Survey Reports
* Coordination and supervision of installation teams
* Commissioning and Integration of RBS and MW
* Creating, maintenance, and update a variety of files, records, logs, and reports
* Ensure understanding and following safety rules by the entire staff

March 2012- January 2014, AGIP KCO, Karabatan Experimental Project (Oil & Gas), Kazakhstan**Telecom Commissioning engineer*** Commissioning and start-up activities on the telecom part of the project (Access System, CCTV, Fibre Optics, Data, PABX, SDH, PAGA, TETRA, UHF / VHF Radio, etc.).
* Providing the connectivity for Emergency Shutdown (ESD), Digital Control (DCS), Fire & Gas (F&G), PAGA, SCADA, Meteorological, security access control and CCTV systems
* Engineering support and supervision of the contractors, subcontractors and vendors
* Performing Authority of Permit to Work
* Ensure understanding and following safety rules by the entire staff

July 2011- December 2011, Megalan Network PLC, Bulgaria**Deputy Regional Manager- deployment of FTTH (PON) project*** Preparation of monthly shifts
* Preparation of daily schedule
* Ensure understanding and following safety rules by the entire staff,
* Supervision of quality of installation
* Solve any problems arising on-site during installation, OTDR measurement, troubleshooting
* Review of project documents
* Coordination and liaison between partners, subcontractors and local authorities
* Creating, maintenance, and update a variety of files, records, logs, and reports

September 2010- March 2012, Telecom Invest LTD, Bulgaria - Inspection Body type A (Additional part time job)**Telecom Specialist*** Inspection measurements of fibre optic cables according to ISO/IEC standards and procedures
* Inspection measurements of electromagnetic field measurement according to the approved procedure
* Analysing of measurements
* Preparation of inspection protocols

March 2010- June 2011, ITW Ispracontrols, Bulgaria**Electronics Engineer*** Installation and maintenance of Automated test equipment
* Supervision of testing of electronic devices,
* Management and coordination of design and production of prototypes
* Coordination all issues related to quality of production
* Statistical analysis of defects

January 2009- March 2009 , Obelisk Networks , Ireland**Installation Engineer /Rigger*** Installation of 2G/3G equipment (cable trays, cabinets, feeders, antennas, pylons
* Swap of equipment
* Installation of MW equipment
* Ensuring that working area is safety and marked with proper signs.

April 2008- April 2009, Carrier BG Plc. Sofia, Bulgaria**Senior deployment engineer – WIMAX project*** Preparation of functional and technical specifications and solutions
* Cooperation with other technical support specialists to ensure optimum project progress
* Conducting site surveys with project teams and subcontractors
* Support of site construction projects, supervision of installation of WIMAX BS, MW, optical cables, Power supply cabinets
* Cooperation of all activities with vendors and subcontractors
* Creating, maintenance, and update a variety of files, records, logs, and reports

January 2008- April 2008, Netplus Ltd. Sofia, Bulgaria**Telecom engineer*** Implementation of network build projects
* Maintenance and troubleshooting of optical network and SDH equipment
* Configuration of costumer's circuits
* Supervision of installation of optical cables
* Cooperation of all activities related to installation of new optical lines with subcontractors
* Creating, maintenance, and update a variety of files, records, logs, and reports

June 2007- January 2008, Bechtel International Ltd, Bulgaria Branch **Field Coordinator** * Plan, coordinate, follow up, monitor and supervise the effectiveness of site construction process;
* Examine and coordinate the project documentation of sites;
* Advise subcontractors on technical issues concerning site erection, approve related final decisions;
* Approve completed construction and installation works in accordance with ratified project documentation, executives and technical specifications
* Site visit reports

September 2006- May 2007, Neterra Ltd. Sofia, Bulgaria**Leased Line and SDH services Engineer in NMC*** Second line support of data services and network (Monitoring, maintenance and troubleshooting – SDH, PDH and leased lines (G703, V35, X21)
* Processing trouble ticket and escalate technical issues to external suppliers to resolve complex problems, Configuration of costumer's circuits, Communication with clients and subcontractors
* Optimization of network topology and synchronization
* Implementation of Telecom projects
* Creating, maintenance, and update a variety of files, records, logs, and reports

April 2006– August 2006 , Egnatia Greece , Bulgaria Branch**Telecom engineer*** Site survey (for new sites and for swap of equipment)
* Supervision of installation of RBS ,MW
* Supervision of swap of equipment
* Commissioning, Integration and Expansion of BS
* Creating, maintenance, and update a variety of files, records, logs, and reports

September 2004 – January 2006 , Bulgarian Telecommunication Company , Bulgaria**Operating and Maintenance Engineer*** Installation, maintenance, operating and trouble shooting of various type of telecommunication equipment ( PDH, SDH, DWDM , xDSL); ODF, DDF,MDF, optical cables
* Pre- commissioning and commissioning tests of transmission equipment, Test measurements of optical cables and test reports
* Set up G703, V35, X21 leased lines- set up and performance measurements
* Preliminary survey for new optical lines
* Coordination of all activities with other departments

September 2003- August 2004, Alcatel Italy, Libya (Western Libyan Gas Project)**Site supervisor** * Supervision of installation of optical cables and PA-GA, MW, check all activities according project documents; co-ordination of all activities with subcontractors and client; verify GPS coordinates of cable route
* Installation of equipment (SDH, PABX, PDH, CCTV, SCADA, Meteo equipment)
* Pre-commissioning test and site acceptance test of SDH, PDH, PAGA, CCTV equipment
* Daily and weekly reports

1993 – September 2003 Bulgarian Telecommunication Company, Bulgaria**Operating and Maintenance Engineer*** Installation of various kind of telecommunication equipment ( PDH, SDH , HDSL)
* Pre- commissioning and commissioning tests
* Set up G703, V35, X21 leased lines
* maintenance, operating and trouble shooting multiplexing and transmission systems (fibre, optics, PDH, SDH, xDSL )
* coordination of all activities with other departments

**Personal skills*** Telecom Engineer with extensive experience in all stages of implementation of Telecom projects (site survey, preliminary design, preparation of technical requirements and specifications, review of project documents, installation, commissioning, acceptance tests, supervision, coordination, operation and maintenance, etc.).
* Familiar with supervision and coordination of all activities associated with implementation and building of various telecommunications infrastructure (procedures,  health/safety, acceptance, monitoring the quality, materials checks, reports, etc.).
* Ability to learn quickly, solve difficult situations for а short time and do various activities independently or working in a team.
* Responsible, flexible and open-minded person. Tolerant to cultural differences and national peculiarities. Analytical style of work, pay attention to details and safety manner of work.

**Technical skills*** Installation, commissioning, maintenance and troubleshooting of wide range of Telecom equipment (SDH, DWDM, Microwave Communication & Networks, PDH, X21/V35 data lines, LAN / WAN, CCTV, PA-GA, ACS, PABX, Optical cables, Rectifiers, Mobile Base Stations (2G,3G, WIMAX), Structured Cabling Systems
* Windows , MS Office, Internet, CAD software, Network Management Software, Software installation
* Knowledge and skills in computer hardware problems troubleshooting and repair
* Operate measuring instruments (Oscilloscope, Pulse Pattern Generator, Error Detector, PCM Channel Analyzer, SDH/PDH Analyzer, OTDR, Power meter, Cable&Antenna Analyzer/Spectrum Analyzer (Site Master))
* Fibre splicing(Fujikura70), CAT5/CAT6 termination and testing
* Working at heights

**Training courses** * SDH transmission networks-STM1/STM16- ADM 1650S and 1660SM Alcatel - BTC training centre
* DWDM – “Cisco OMSTP” – BTC training centre
* Optical cables- Operation and maintenance- BTC training centre
* SDH Basics+ O&M 1650SM-C + 1660SM rel. 4.0 Alcatel – Alcatel University, Milan, Italy
* OPITO Basic H2S training and certification
* 1000V certification
* NRSWA Street work Training in UK, Coventry, PQMS (2015)

**Additional information*** International driving license- clean

**Language skills*** Bulgarian - native
* English - good working knowledge
* Russian - good working knowledge
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