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CURRICULUM VITAE OF SUZANA GALIĆ PRICE

Professional Positions

2003-Present Associate of the forensic consulting company BEK TEK LLC. Assists in forensic examinations of audio and video media, both analog and digital, to authenticate recordings, improve intelligibility, identify/classify non-voice signals, and compare voice samples; conducts research regarding forensic applications.

2010-Present Senior Architect for the Technology Architecture Division, Clearwire Communications, Herndon, VA. Responsible for 1) leading the architectural definition and implementing of end-to-end systems, collaboratively developing technical architectures through definition of solutions, patterns, and strategy as well as technology trends, technology standards, and application development; 2) designing complex systems at the service flow and functional component level; 3) making strategic technology choices, directly supervising the quality of designs and implementation inside and between components; 4) conceptualizing and driving business strategies, product strategies, and multi-year roadmaps into the technology organization in support of business objectives; 5) evaluating and anticipating impact of technical solutions on related projects plus existing or future architecture; and 6) reviewing and approving technical projects and designs for any new system development and ensuring adherence to strategic direction.

2007-2009 Manager for Program Management in the Optical Network System Division of NEC America, Herndon, VA. Responsible for overall management of the cross-functional NEC IMS (IP multimedia subsystem) effort within North America, the CWDM (coarse wave division multiplexing) program within the organization, and future development needs; assisted in all OSMINE (Operations Systems Modification of Intelligent Network Elements) related activities for the CWDM product.

2003-2007 Manager for Field Trials, Technology Innovation and Technology Strategy for Sprint Nextel Corporation, Reston, VA. Supervised the implementation of the 4G/ WiMAX (Worldwide Interoperability of Microwave Access) trial architecture, enabling the first WiMAX call; lead a WiMAX team that produced recommendations and trials for optimizing in building coverage; was responsible for development and management of 4G lab and field trial agreements.

1997-2002 Program Manager and Principal System Architect for NEC Eluminant Technologies, Chantilly, VA. Managed all technical and managerial aspects of the Telcordia OSMINE process as required by RBOCs (TIRKS and NMA) for Eluminant's ATM Passive Optical Network FTTB product, FiberSLAM; defined and developed the system-level requirements for the network management for Vista and its hybrid, STM/ATM (SONET/ADSL) version; provided technical expertise and guidance for communications protocols (OSI layers and other stacks).

1996-1997 Senior Data Communications Engineer for NETRIX Corporation, Herndon, VA. Designed, developed, and tested the RFC 1490 encapsulation of SDLC over a Frame Relay network for the NETRIX 2210 frame access switch; responsible for the initial design and development of the Q.931 & Q.921 configuration and management for the ISDN implementation in the NETRIX Network Exchange 2550 data switch.

1996 Consultant for TELE-TV Systems, Reston, VA. Responsible for the initial design and development of the Q.931 & Q.921 configuration and management for the ISDN implementation in the NETRIX Network Exchange 2550 data switch.

1994-1996 Senior Satellite Communications Engineer for TMI Communications, Ottawa, Canada. The lead contributor to all aspects of TMI's implementation of the MSAT Data Hub Element (or Mobile Data System - MDS) of the Communication Ground Segment (CGS) for the TMI satellite MSAT-1; completed the architectural design of the MDS application development guidelines, which serve as an interface specification to the MDS specific protocols (RTS/MTP, UDS/MULP, and X.25); developed and tested User Interface system (NE/SE), used for provisioning of the MSAT-MDS Ground Segment, Data Hub; designed, developed and tested the Data Hub Network User Call Generator for all offered services.

1993-1994 Data Communications Development Engineer for EDA Instruments, Inc., Toronto, Canada. Designed, developed and tested an embedded system which provided SDLC FRAD and Frame Relay switching node functionality, based on CCITT Q.922 and ANSI T1.618 recommendations. This system was designed to port an existing X.25 packet switching system to Frame Relay technology.

1990-1992 System Engineer on IBM/VM for Credit Bank DD, Sarajevo, Bosnia and Herzegovina. Responsible for all aspects of connecting the Bank to SWIFT, a European banking network system, including installation of OS/2 and MERVA/2.

1987-1990 Data Communications Software Developer for EVERGOINVEST IRIS, Department of Data Communications and Computer Networks, Sarajevo, Bosnia and Herzegovina. Designed, programmed and tested functional testing program for Data Layer (in Assembly), Functional testing program for Session Layer (in Pascal), File Transfer Protocol (FTP) on session layer (in Assembly and Pascal), and Distributed Database System - Remote Oracle Call Interface (in C and OCI interface PRO*C).

Formal Education

Bachelor of Science degree in Electrical Engineering (B.Sc.E.E.), University of Electrical Engineering, Sarajevo, Bosnia and Herzegovina.

Additional graduate courses at the University of Sarajevo: Mathematical Modeling in Artificial Intelligence, Process Simulation in Telecommunications Network, Parallel Computing Systems, and Digital Signal Processing.

Additional graduate course at George Mason University: Advanced Telecommunications Protocols and New Generation Networks.

Professional Societies

Institute of Electrical and Electronic Engineers (member)

Project Management Institute (member)

SPIE [formerly known as The International Society for Optical Engineering] (member)

Seminars and conferences

Have attended numerous seminars, conventions, and workshops of organizations including the following:

NFOEC Conference 1999 and 2000 (Annual National Fiber Optic Engineers Conference)

SUPERCOMM 1997-2001, 2008 the annual communications and information technology exhibition and conference

NOMS – IEEE/ IFIP Network operations and management symposium

NOMS 1998, New Orleans, LU - Management for the New Millennium, included the following topics:

- Network Management for Intra/Inter Extranets
- Service Management
- OSS Interoperability and Standards
- Intranet for Operations
- Billing
- Management Information Modeling
- Data Warehousing
- System Architecture
- SNMP-based Management
- Network Management Platforms
- Hot New Technologies and Trends
- Integrated Network Management and Control
- Network Management Platforms

NOMS 2000, Honolulu, Hawaii, included the following topics:

- Information Modeling in Network Management Specifications: From OSI to CORBA and Beyond
- Impact of Optical Internet on Voice and Data Networks
- Network Management for Next Generation Wireless Systems
- CORBA-based Management
- Network Design and Planning
- Security Management
- ATM Management
- Mobility Management
- Hot Topics in Network Management

Specialized Short Courses (partial listing)

Advanced SONET/SDH, Herndon VA, 2001

CDMA 2000, Reston VA, 2005 (presented by Qualcomm)

FemtoCell, Smart repeaters and VMA: putting more pressure on wireline telephone Webex Oct 2008, presented by USTelecom

iDEN System School, Reston VA, 2003

IMS for all IP Wireless Networks, Reston VA, 2005

IMS Real-World Deployments: Telephony Services, Webex, 2008, presented by Infonetics Research

Integrating Optical and Wireless Services in the Access network, San Diego CA, 2008

Service Providers: VoIP and IMS equipment and subscribers, Webex 2008, presented by Infonetics Research

Miscellaneous

Authored the following white papers: “IMS Application Story – Fixed Mobile Convergence,” “Corporate Strategy for Maintaining the Access Market Competitiveness – Recommendation” and “Communications Protocols in OSI Layers and Other Stacks and Network Management Issues as They Relate to Vista”.

Review the scientific papers of the BEK TEK LLC associates prior to their submission to scientific/forensic journals.

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