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Objective

To be able to contribute to technology development and work in environment that enables me to achieve the highest of my abilities and keep learning new skills that enables me to grow and contribute meaningfully to my country in the fields of digital transformation and information technology and related fields.

Education

- Ph.D., Carleton University, Engineering and design college, Ottawa, Canada, spring 2016
- Master's in computer engineering, King Abdul Aziz University, Engineering college, Jeddah, Saudi Arabia (GPA 4.88/5), spring 2007
- Bachelor's in computer engineering, King Abdul Aziz University, Engineering college, Jeddah, Saudi Arabia (GPA 4.06/5), spring 2002

Professional Experience

- January,2016 – Present: Assistant professor, Engineering collage of ALBaha University, Saudi Arabia
- May,2017 – November 2021: Dean of e-Learning and Information Technology and CIO, AL-Baha University, Saudi Arabia
- December,2016 – May 2017: IT Supervisor and CIO, IT Center, AL-Baha University, Saudi Arabia
- August,2016 – December 2017: IT Supervisor assistant, IT Center, AL-Baha University, Saudi Arabia
- September 2009- December 2015, Ph.D. candidate, Carleton University, Ottawa, Canada
- April,2008 – August 2009: Lecturer, Engineering collage of AL-Baha University and IT Supervisor assistance, IT Center, AL-Baha University, Saudi Arabia
- February 2006 - April 2008 IT Engineer, Al-Jeraisy for STC 902 project, ITCCS, Saudi Telecom Company, Riyadh, Saudi Arabia
- May 2004 - January 2006: Cisco Academy Instructor, Millennium Institute Technologies and management (part-time job), Jeddah, Saudi Arabia
- April 2003 - January 2006: IT Engineer at Raytheon, Air Defence Force Institute, Jeddah, Saudi Arabia
- June 2002 - April 2003: Registrar Millennium Institute Technologies and Management, Jeddah, Saudi Arabia

Projects

- Manage all digital transformation projects at AL-Baha University, 2016 – 2021.
- Start Enterprise Architecture for higher education using NORA framework at AL-Baha University, 2020 – 2021.
- Design and manage Software Development Life Cycle (SDLC) used to deliver all e-Services at AL-Baha University, 2019 – 2021.
- Design and manage eLearning environment and Course Development Life Cycle (CDLS) “Rafid” at AL-Baha University, 2018 – 2021.
- Managing, Delivering, updating/customizing Student Information Systems for AL-Baha University, 2017 – 2021.
- Managing, Delivering, updating/customizing ERP systems and self-services for AL-Baha University, 2017 – 2021.
- Architecting, Managing and Delivering new Data Center for AL-Baha University, 2016 – 2018.
- Planning and Managing Data Center migration for AL-Baha University, 2017 – 2018.
- Teaching software engineering and computer engineering courses, AL-Baha University, 2016 – till now.
- Teach introduction to programming and advanced using C++, Database design, software engineering, ALBaha University, AL-Baha, 2008 – 2009
- Designing and planning, administrating new project IT Center, ALBaha University, AL-Baha, 2016 – till now
- Project manager for ERP (Oracle E-business), AL-Baha University, AL-Baha, 2008 – late 2009
- Project manager, student information system (Bannar), AL-Baha University, AL-Baha, 2008 – late 2009
- Project manager, infrastructure network and data center, Al-Baha University, AL-Baha, 2008 – late 2009
- Design and implement action item tracker application using ASP.NET2 and ORACLE10g. for IT center at AL-Baha university, AL-Baha, 2008
- Member of team who implemented and manage STC-902 services ,STC Saudi telecom company, Riyadh, 2006 – 2007
- Member of team who designed messaging gateway in STC (SMS-GMG) STC Saudi telecom company, Riyadh, 2006 – 2007
- Member of team who implement the integration between ORACLE database, DB2 and MQ series on AS 400 to get update of customers profile and send/receive requests between the two systems, STC Saudi telecom company Riyadh, 2006 – 2007
- Develop and design online registration and e-Learning system for private institute and college (master theses), Jeddah, 2006 – 2007
- Design and implement online exam application using ASP.NET2 and ORACLE10g as part of master theses, Jeddah, 2006 – 2007
- Install and configure Mandrake, Multi network Firewall as course project in master program (Computer Network), Jeddah, 2005
- Configure Samba with SWAT to share files with Windows OS. Air Defense Force Institute, Jeddah, 2004
- Team member of design new network infrastructure (Active/ passive component) for Air Defense Force Institute, Jeddah, 2003 – 2005

- Design and implement local network using Linux OS(Red Hat, SUSE) and configure DHCP, SAMBA, NIS and DNS (BIND), Millennium Institute Technologies and Management, Jeddah, 2003 – 2005
- Configure Web server (Apache) and FTP server in Linux OS (SUSE). Millennium Institute Technologies and Management, Jeddah, 2003 – 2005
- Design and implement database for registration department, MITM (Millennium Institute Technologies and Management), Jeddah, 2002 – 2003
- Team manager in registration project and admission department, MITM (Millennium Institute Technologies and Management), Jeddah, 2002 – 2003
- Design, Install and manage MITM internet connection using Microsoft Advanced Server 2000 and connect it to internet via MS-ISA server and ADSL connection, Jeddah, 2002 – 2003
- Evaluation of network security for the college of engineering as graduate project, King Abdul Aziz university, Jeddah, 2001 – 2002.

Research Interest

- Software dependability analysis
- Software modeling and model transformation
- Software analysis and prediction for non-functional requirements
- IoT architecture, modeling, and analysis
- Datacenter's dependability analysis
- IT governance and auditing

Recent Publications

- N. A. Mokhayesh Alzahrani and D. C. Petriu, "Modeling Component Erroneous Behavior and Error Propagation for Dependability Analysis," Proceedings of the 16th International System Design Languages Forum Model-driven dependability engineering (SDL 2013), pp. 124–143, Apr. 2013.
- N. A. Mokhayesh Alzahrani and D. C. Petriu, "Derivation of Stochastic Reward Nets from Component Erroneous Behavior Model for Compatibility and Conformance Verification" Technical Report SCE-13-02, Carleton University, Department of Systems and Computer Engineering, 42 pages, May 2013.
- N. A. Mokhayesh Alzahrani and D. C. Petriu, "Derivation of Stochastic Reward Net for Compatibility and Conformance Verification of Component Erroneous Behavior Model", 19th IEEE Pacific Rim International Symposium on Dependable Computing (PRDC 2013).
- Naif A. Mokhayesh Alzahrani and Dorina C. Petriu; "Modeling Fault Tolerance Tactics with Reusable Aspects"; In Proceedings of the 11th International ACM SIGSOFT Conference on Quality of Software Architectures (QoSA '15).

Technical Training

- Prosci 3 day Change Management Certification, December 27 to 29, 2020
- STC and Quint, IT infrastructure Library, May, 2007
- ORACLE University, ORACLE database administration 10g and RAC 9i, August-September, 2006 MASCON, HP-UX Fundamental , Administration I and II, July-August, 2006

- MITM (Millennium Institute Technologies and Management), ASP.Net2.0 (Microsoft Active Server Page 2.0), October-November, 2005
- MITM, ORACLE database administration 9i, April-June, 2005 Abdul Aziz University computer center, Cisco Certified Academy Instructor (CCAI), March-April, 2004
- MITM, Oracle 9i PL/SQL Developer and oracle Forms, August-October, 2003
- Saudi Aramco , YANBU Computer and Communication Unit, Network Essential, Windows NT and Windows 2000 Advanced Server, Active directory, network administration, June-August, 2001
- Al-Jeraisy Computer and communication services, Laptop & desktop computers maintenance, network cabling, June-August, 2000

Technical Qualifications

- Prosci Certified Change Practitioner - Dec 2020
- IT Infrastructure Library (ITIL), May, 2007
- Oracle Certified Associate (OCA), February, 2004
- Cisco Certified Academy Instructor (CCAI), December, 2004
- Cisco Certified Network Associate (CCNA), January, 2003

Technical and IT Skills

- Enterprise architecture TOGAF 9.2
- COBIT
- Oracle PL/SQL programming
- C# , C++ and JAVA programming
- .NET
- System analysis and design
- Database design
- UML
- OCL
- UNIX(HP-UX) Basic administration
- Oracle Database administration 9i & 10g
- Administration of Linux Server/ Desktop RedHat & SUSE.
- Firewall /Proxy server Fundamentals
- Network design and Administration •
- Manage Microsoft network services (DHCP, DNS , WINS and active directory)
- Internetworking CISCO Routers and switches
- All Microsoft operating systems.
- Model transformation using QVT operational
- Model to text transformation using Acceleo
- Model driven development
- Software engineering academic and practice skills
- IT Project management