

# Salman Afsar Awan

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<b>Personal</b>	<ul style="list-style-type: none"><li>S/O Dr. Muhammad Afsar Awan</li><li>Date of Birth 11-10-1974</li><li>Domicile Faisalabad</li><li>N.I.C # 33100-0600351-1</li></ul>
<b>Objective</b>	To pursue a challenging career in the field of Project Management in Networking & Security in web based, databases applications of research organization, because it can provide significant professionals & technical growth and a position where highly effective technology management experience will add to profitability.
<b>Experience Profile</b>	<p>In depth understanding of Information Technology's growing Challenge towards constant change, and experience in catering the growing IT requirements of various business segments. Software application Design &amp; Analysis for corporate infrastructure's evaluation, design and implementation are major area of expertise. I have been involved into many projects of different nature relating to market research, software design &amp; analysis, development and data modeling. Business process improvement and re-engineering, quality control system and procedures, structured network design and implementation, company wide IT resource requirement identification, their procurement and implementation. Also experienced in setting up complete new IT and industrial infrastructure by providing initial building blocks for any dynamic growing company.</p> <p>Very strong approach towards Network Designing &amp; Security, Entity Relationships and RDBMS Technology. Network Administration &amp; Security using Entity relationship diagrams and flow charts using UML. A very good knowledge of Post Relational Databases (CACHE) that mainly includes of Object, Methods instead of RDBMS relationships.</p>
<b>Experience</b>	<ul style="list-style-type: none"><li>Recently working as Head of Department in the Department of Computer Science, UAF from 01-10-2019 to date.</li><li>Appointed as Lecturer in the Department of Computer Science, UAF from 19-</li></ul>

# RESUME

	<p>02-2002 to 31-09-2019.</p> <ul style="list-style-type: none"> <li>• About three years working experience as System Designer at I.T. Department, Chenab Limited/ ChenSoft, Faisalabad.</li> <li>• About three years of experience as a Computer Analyst in an Australian / World Bank funded projects at University of Agriculture, Faisalabad.</li> <li>• One year teaching experience as a Faculty Incharge at Zila Council Computer Center, Faisalabad and at Al-Khair University, Faisalabad.</li> </ul>
<b>Research Projects</b>	<ul style="list-style-type: none"> <li>• Campus Area Computerization and Networking of the University of Agriculture, Faisalabad using Fiber Optic &amp; Wireless Technology.</li> <li>• Designing and Implementation of teachers / staff Identity Card System for the University of Agriculture, Faisalabad.</li> <li>• Developed a Web Site for the University of Agriculture, Faisalabad. (ASP)</li> <li>• Biometric Based Access control/Time and Attendance for Chenab Limited Faisalabad.</li> <li>• Security Implementation on Voice/IP Network (Radio Access) for JK Textilex Limited, Faisalabad.</li> <li>• Computerization of Carpet Showrooms using Oracle/ Developer 2000.</li> <li>• Developed an Information Inventory System of Masood Textiles (Pvt.) Ltd., Faisalabad. (Oracle/Developer2000)</li> <li>• Developed a Payroll System of Pak Arab Fertilizers, Multan using COBOL language.</li> <li>• Upgrading two Projects from Visual Basic 6.0 Application to Visual Basic .NET.</li> </ul>
<b>Research Papers</b>	<ul style="list-style-type: none"> <li>• <b>Salman A.</b>, A. Sabir. Biometric Access Control System; Paper presented at 8<sup>th</sup> International Islamic Statistical &amp; IT Conference, Bahrain, Dec.21-25, 2002. Proceedings P.37.</li> <li>• <b>Salman A.</b>, A. Sabir. Network Remote Control System; Paper presented at 8<sup>th</sup> International Islamic Statistical &amp; IT Conference, Bahrain, Dec.21-25, 2002. Proceedings P.43.</li> <li>• <b>Salman A.</b>, A. Mehboob. Organizational Readiness for ERP Implementation,. Paper presented at 33<sup>rd</sup> All Pakistan Science Conference, Dec. 2002. UAF.</li> <li>• <b>Salman A.</b>, A. Sabir Network Application for Parallel Processing,. Paper presented at 33<sup>rd</sup> All Pakistan Science Conference, Dec. 2002. UAF.</li> <li>• <b>Salman A.</b>, A. Sabir Distributed Environment Authentication and Recognition using 3-D Approach;. A. Korbatov. Paper presented at Bio-Informatics, Information Technology and Bio-Statistics held on Dec. 27-28 at National Administration &amp; Economics, Lahore.</li> <li>• <b>Salman A.</b>, A. Mehboob. Post-Relational Database: An Authenticated Approach;. A. Korbatov. Paper presented at Bio-Informatics, Information Technology and Bio-Statistics held on Dec. 27-28 at National Administration &amp; Economics, Lahore.</li> <li>• <b>Salman A.</b>, A. Hamayun. Security Implementation on Voice/IP Network (Radio Access). National Science Journal, Australia <i>PP 113 (2004)</i>.</li> <li>• <b>Salman A.</b>, A. Mateen. Design and Implementation of Network Operational Management Systems for Integrated and Automated Management of LANs and</li> </ul>

	<p>WANs: Journal of Agriculture and Social Sciences, 2005.</p> <ul style="list-style-type: none"> <li>• Mateen A., <b>A. Salman</b>, Towards the enhancement of e-democracy: The adoption of reinventing government and e-government at the municipal level Journal of Agriculture and Social Sciences, 2005.</li> <li>• <b>Salman A.</b>, A.Rehan, A.Rahim, A.Mateen, A.Korbatov Building Reliable Network with Efficient WiMax Technology, Journal of Agri. &amp; Social Sciences, vol.3. (2006).</li> <li>• Fahim M., A. Zaheer, <b>A. Salman</b>. Next Generation Interconnect Technologies and Standards by in Journal of Agri. &amp; Social Sciences, 2006 vol.6.</li> <li>• <b>Salman A.</b>, M. Yunusi., Security in Communication Models, VESTNIK, Tajik State National University, vol.12. 2007.</li> <li>• <b>Salman A.</b>, M. Yunusi, Network Measurement System in Wireless Communication, VESTNIK, Tajik State National University, vol.13. 2007.</li> <li>• <b>Salman A.</b>, M. Yunusi., Communication Protocols in Hybrid Networks, 7-12 September 2007. National Academy of Sciences, Odessa, Ukraine. Proceedings. P 43(2007).</li> <li>• <b>Salman A.</b>, M. Yunusi. 2007. The Security of Implementation in the Communication Models. VESTNIK, Scientific Journal Vol (3), P:9-14 ISSN-2074-1847</li> <li>• <b>Salman A.</b>, M. Yunusi, F. Shuja. 2008. Determining Industry Based Technology for IT-Graduates. VESTNIK, Scientific Journal. ISSN-2074-1847</li> <li>• Shuja, F., <b>A.Salman</b>, M. Yunusi. 2008. Subject-Specific Skills for Students in Higher Education. VESTNIK, Scientific Journal. ISSN-2074-1847</li> <li>• Korbatov A, <b>A. Salman</b>, M. Yunusi, Protocol Bit Level Security in Data Security Model, 24-26 Oct 2008 Dushanbe. Proceedings (2008).</li> <li>• Abbasi. S., K. Rehman., <b>A. Salman</b>, Propensities of Tajik, Uzbek and Russians Towards Islamic Work Ethics, Journal of Qafqaz University, No. 28, p. 78, 2009. <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1866807#1709807">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1866807#1709807</a></li> <li>• <b>Salman A.</b>, M. Yunusi. 2009. Data Flow Control with Dynamic Queue Threshold for High Speed Wide Area Networks. VESTNIK, Scientific Journal, Vol 1 (49) ISSN-2074-1847.</li> <li>• Javed Z., A. R. Sattar, <b>A. Salman</b>, S. Faridi. 2012. An Empirical Study of COTS components Persuasion, Evaluation &amp; Selection and Integration in Software Houses Faisalabad, Pakistan. International Journal of Computer Science Issues IJCSI, vol 9, Issue 6, 2012- 9-6-4445</li> <li>• Rizwan A., <b>A. Salman</b>, M. Shahid. 2012. An Evaluation Study of WiMax and WiFi on Vehicular Ad-Hoc Networks (VANETs). IJSER, vol-3, issue-12. ISSN-2229-5518</li> <li>• <b>Salman A.</b>, M. Yunusi, Security Algorithms Framework in Mobile Network, Russ. J. Phy. 2008 V.156. No.11.</li> <li>• Shamas H., <b>A. Salman</b>, A. Hira. 2012. Factors Affect on Requirement Prioritization. IOSR, Journal of Engineering, vol.2, Issue 12.</li> <li>• Tooba A. and A. Salman. 2013. Evaluating Quality Model of Software Product Line Tools. International Journal of Computer Science Issues, IJCSI Volume 11, Issue 1.</li> <li>• Furqan Q, A. Salman, M. Amjad, A. Maqsood and S. Suneel. 2013. Applications, Challenges, Security Of Wireless Body Area Networks (Wbans) And Functionali Of Ieee 802.15.4/Zigbee. International Journal of Computer Science Issues, IJCSI</li> </ul>
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	<p>Volume 10, Issue 6.</p> <ul style="list-style-type: none"> <li>• Salman A. and A. Sohail. 2013. Experimental Performance Analysis of Wireless LAN IEEE 802.11n Security Mechanism. Journal of Global Innovations in Agriculture and Social Sciences. Vol.2, No.2.</li> <li>• Jawad, A., A. Salman. 2014. Unreliability &amp; Instability Of Wireless Links Between Wireless Nodes In Mobile Ad Hoc Networks – Manet. <i>J. Glob. Innov. Agric. Soc. Sci.</i>, 2014, 2(3).</li> <li>• Zaman M., A. Salman. 2014. Implementation Of Some Enhancements In Wireless Network Security By Finding Vulnerabilities, Threats And Attacks. <i>J. Glob. Innov. Agric. Soc. Sci.</i>, 2014, 2(3).</li> <li>• Samreen A., A. Salman. 2014. Software Quality Assurance Model For Local Industry (Small And Medium Firms). IJCAAS, vol 2(3). UK.</li> </ul>
<b>National/ International Conferences</b>	<ul style="list-style-type: none"> <li>• International Conference on Computer Problems, Dushanbe, Tajikistan 2008.</li> <li>• International IT Conference about Next Generation Technologies, Dushanbe, Tajikistan 2007.</li> <li>• IT Commerce Network Asia, organized by HP Singapore, Pakistan Software Export Board &amp; Samsung Gulf Company, August 10 – 12, 2001, Karachi, PAKISTAN.</li> <li>• E-Commerce &amp; Development in Pakistan, organized by IT &amp; Telecom Division, Ministry of Science &amp; Technology in collaboration with UNDP Pakistan &amp; UNCTAD Geneva, Sep. 18 – 19, 2002, Islamabad, PAKISTAN.</li> </ul>
<b>National/ International Workshops</b>	<ul style="list-style-type: none"> <li>• Together We Build Data Centers, CNS workshop arranged at Serena, Faisalabad, March 12, 2016.</li> <li>• Optic Fiber Technology, Workshop arranged by PTCL Faisalabad, Aug 16-23, PTCL Faisalabad.</li> <li>• Information Handling Techniques, organized by Pakistan Scientific and Technological Information Centre (PASTIC) &amp; Department of Computer Science, UAF. May 05-08, 2003.</li> <li>• G.I.S. and Remote Sensing as Planning and Management Tools, organized by Pakistan Academy for Rural Development, Peshawar. May 14, 2003.</li> <li>• Second National Workshop on Trends in Information Technology, Organized by Department of Computer Science, Faculty of Applied Sciences, International Islamic University, Islamabad. Nov. 15-16, 2003.</li> </ul>
<b>Commercial Projects</b>	<ul style="list-style-type: none"> <li>• Developed a Web Site of three different agencies (Salt Cargo, G.T.T &amp; Ace International), using HTML, DHTML, JAVA beans, Servlets.</li> <li>• Developed a Web Site of Rashid Textiles, Faisalabad.</li> <li>• Designed &amp; developed a Web Site of University of Agriculture, Faisalabad.</li> </ul>
<b>In-House Development</b>	<ul style="list-style-type: none"> <li>• Implemented ERP System at Chenab Limited Faisalabad.</li> <li>• Designed &amp; Implemented the ID-Card System for Director Student Affairs, University of Agriculture, Faisalabad.</li> <li>• Designed and Deployed the Web Site of the University of the Agriculture, Faisalabad.</li> <li>• Designed &amp; Developed an Access Control &amp; Pay Roll System for Chenab Limited, Chenab Weaving &amp; ChenOne (Visual Basic, SQL 2000)</li> <li>• Analyzed &amp; designed the Pay Roll Management System (Hand Scan)</li> </ul>

	<ul style="list-style-type: none"> <li>• Trained the staff on ACCPAC &amp; Pay Roll package.</li> <li>• Designed &amp; Developed a Tax Deduction Package (Visual Basic, SQL 7.0)</li> <li>• Designed &amp; Developed an Invoice Receipt Package (Visual Basic, SQL 7.0)</li> <li>• Developed an Inventory System of Garments Division (Visual Basic, SQL)</li> <li>• Designed &amp; Developed a Yarn Inventory System (Visual Basic, SQL 7.0)</li> </ul>
<b>Importance of Biometric</b>	<ul style="list-style-type: none"> <li>• The most advanced technology of generating payroll system of the employees by ensuring maximum level of identification security; this advanced American system is being used at Canadian US border by immigration department for high level security.</li> </ul>
<b>Education</b>	<ul style="list-style-type: none"> <li>• Ph.D in Computer Science, from Tajik National University, Tajikistan in 2013.</li> <li>• MS (CS): Specialized in Network Security from University of Agriculture, Faisalabad (Pakistan) in Dec, 2004.</li> <li>• Master Degree in Computer Sciences, M.Sc (CS) from University of Agriculture, Faisalabad (Pakistan) in Feb, 2000.</li> <li>• B.Sc. with Computer Science from Baha-ud-Din Zakriya University, Multan (Pakistan) in 1995.</li> <li>• F.Sc. from Govt. Science College, Faisalabad in 1992.</li> <li>• Matric from La Salle High School, Faisalabad in 1990.</li> </ul>
<b>Diploma Certificate</b>	<ul style="list-style-type: none"> <li>• Six months English Language Diploma from College of English, Faisalabad.</li> <li>• German Language Course from University of Agriculture, Faisalabad.</li> <li>• One Year Russian Language Diploma from Tajik State National University, Dushanbe, Tajikistan</li> </ul>
<b>Tools Exposure</b>	<ul style="list-style-type: none"> <li>• Active Server Pages 3.0</li> <li>• VB Script, JScript</li> <li>• Dream Weaver 3.0</li> <li>• Microsoft Front Page 97/200</li> <li>• Rational Rose 98/2000</li> <li>• Developer 2000</li> <li>• J2EE (JSP, Servlets, Swing, Beans)</li> </ul>
<b>Language Studied</b>	<ul style="list-style-type: none"> <li>• Visual Basic</li> <li>• C/C++</li> <li>• Java</li> <li>• COBOL</li> <li>• HTML/PHP/&gt;Net technologies</li> <li>• UML</li> <li>• Visual Fox Pro</li> </ul>
<b>Databases</b>	<ul style="list-style-type: none"> <li>• Oracle 8i</li> <li>• MS SQL Sever 7.0/2000</li> <li>• Cache: Post Relational Database</li> <li>• Pervasive Database</li> <li>• Microsoft Access 97/2000/XP</li> </ul>
<b>Operating</b>	<ul style="list-style-type: none"> <li>• Windows 9x/ 2000/XP/Vista</li> </ul>

<b>System</b>	<ul style="list-style-type: none"> <li>• Windows NT</li> <li>• Unix</li> <li>• Linux</li> </ul>
<b>Extra Curricular Activities</b>	<ul style="list-style-type: none"> <li>• Football</li> <li>• Cricket</li> <li>• Swimming</li> </ul>