

CURRICULUM VITAE

SHAKIR KHAN

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EDUCATIONAL QUALIFICATIONS:

- ✓ PhD (Computer Science, 2011) from C.S.J.M University Kanpur-India. Thesis on "Cloud Computing and Data Mining Based Service Oriented Architecture (SOA) in E-Learning".
- ✓ Master in Computer Science from Jamia Hamdard New Delhi, India with an aggregate of 72%, 2005. Dissertation submitted on "SMS Automation System"
- ✓ Post Graduate Diploma in Computer Application (PGDCA) from Pondicherry University, 2003.

TOTAL ACADEMIC AND IT EXPERIENCE: 9+ Years.

KEY PERFORMANCE AREA AND EXPERIENCE

- ❖ Currently working as Researcher in King Saud University (KSU), Riyadh (Saudi Arabia) from 19th September, 2010 till date. Responsibilities include development and maintenance for college website, teaching and research for undergraduate students, Blackboard (LMS) training to faculty members as well as to the students of KSU in different colleges and research work on Cloud Computing, Data Mining, and Innovative Technology for education and e-Learning.
- ❖ Worked as IT Manager in Integrid Media Private Limited from 5th December 2006 to 30th Jan, 2008 and then part time till August 2010. Initially started as senior executive and promoted up to manager technology/IT/Portals.
- ❖ Supervised final year B.Tech (CS) students of Bharti Vidyapeeth's College of Engineering for women, Pune from Integrid Media office for their last semester project on online examination system, e-ticketing system, and hotel reservation system in Php/MySQL.
- ❖ Worked as a lecturer in Bapu Banarsi Das Institute of Technology (BBDIT) Ghaziabad affiliated to UP Technical University, took below courses for undergraduate students in Computer Science department from 4th July 2005 to November 2006. I was taking the classes for design and web programming, OOPS with C++, System Analysis and Design, Optimization Techniques, fundamental of DBMS.

- ❖ Worked as a Trainee software Engineer in IBM Gurgaon to complete my dissertation on "SMS Automation System" from February 2005 to June-2005.
- ❖ Working knowledge of Matlab software solving the problem with help of this software.
- ❖ Taught basic computer in Zakir Hussain Morning College, Delhi University (July, 2002-June, 2003).
- ❖ Assisted to my boss in King Saud University in the development of learning and workshop materials, preparing schemes of work and maintaining records to monitor students progress, achievement and attendance, preparing schedule for conducting training in different colleges for faculty members and taking the exams for students. Curriculum development for Health Science College on basic computes as well as website development.
- ❖ Good Interpersonal skills and hard working to learn new technologies.

PUBLICATIONS, CONFERENCES, REVIEW AND FORUM

JOURNALS:

1. Mohammad F. AlAjmi, **Shakir Khan** and Tauseef Ahmad, "Voting System as Potential Tool for Automated Patient Education", Middle-East Journal of Scientific Research, published online, Vol. 22, No. 9, 2014. pp. 1372-1376. Available at [http://idosi.org/mejsr/mejsr22\(9\)14/14.pdf](http://idosi.org/mejsr/mejsr22(9)14/14.pdf)
2. Mohamed F. AlAjmi, **Shakir Khan** and Abdulkadir Alaydarous, "Data Protection Control and Learning Conducted via Electronic Media I.E. Internet", International Journal of Advanced Computer Science and Applications (IJACSA), published online November 2014, Vol. 5, No. 11, pp. 85-91. Available at <http://thesai.org/Publications/ViewPaper?Volume=4&Issue=1&Code=IJACSA&SerialNo=22>
3. **Shakir Khan** and Mohammed AlAjmi, "Cloud Computing Safety Concerns in Infrastructure as a Service", Research Journal of Recent Sciences published online June, 2014, Vol.3, No. 6, pp. 116-123. Available at <http://www.isca.in/rjrs/archive/v3/i6/18.ISCA-RJRS-2013-1013.pdf>
4. **Shakir Khan**, Mohammed AlAjmi and Irfan Khan, "Cloud Computing Utilization For E-Learning Pharmaceutical System" International Journal of Scientific & Technology Research published online March 2014, Vol. 3, No. 3, pp. 385-390. Available at <http://www.ijstr.org/final-print/mar2014/Cloud-Computing-Utilization-For-E-learning-Pharmaceutical-System.pdf>
5. Mohammed AlAjmi and **Shakir Khan**, "Collaborative Pharmacy Student Learning Outline for Mobile Atmosphere" International Journal of Advanced Computer Science and Applications (IJACSA) published online March 2014, Vol. 5, No. 3, pp. 107-113. Available at <http://thesai.org/Publications/ViewPaper?Volume=5&Issue=3&Code=IJACSA&SerialNo=15>
6. Mohammed AlAjmi, **Shakir Khan** and Arun Sharma, "Studying Data Mining and Data Warehousing with Different E-Learning System", International Journal of Advanced Computer Science and Applications (IJACSA) published online January 2013, Vol. 4, No. 1, pp. 144-147. Available at <http://thesai.org/Publications/ViewPaper?Volume=4&Issue=1&Code=IJACSA&SerialNo=22>

7. **Shakir Khan**, Mohammed AlAjmi, Abu Sarwar Zamani and Ali Akhtar, "Keeping Data on Clouds: Cloud Computing Significance" International Journal of Engineering & Science Research published online February 2013, Vol. 3, No. 2, pp. 2321-2327.
Available at http://ijesr.org/admin/upload_journal/journal_Shakir%20%20%202feb13esr.pdf
8. **Shakir Khan**, Mohamed F. AlAjmi, "The Open Source Software (OSS) Utilization in Project Scattered Computing Environments" International Journal of Scientific Research published online February 2013, Vol. 2, No. 2, pp. 177-178.
http://theglobaljournals.com/ijer/file.php?val=February_2013_1359729644_ee5e5_59.pdf
9. Abu Sarwar Zamani, Mohammad Jawed Miandad and **Shakir Khan**, "Data Center – Based, Service Oriented Architecture (SOA) in Cloud Computing", International Journal of Computing Science and Information Technology, published online January 2013, Vol. 1, No. 1, pp. 33-37. Available at <http://ijcsit.org/IJCSIT-PaperVI.pdf>
10. **Shakir Khan** and Mohamed F. AlAjmi, "Impact of Medical Technology on Expansion in Healthcare Expenses" International Journal of Advanced Computer Science and Applications (IJACSA) published online April 2013, Vol. 4, No. 4, pp. 150-152.
Available at <http://thesai.org/Publications/ViewPaper?Volume=4&Issue=4&Code=IJACSA&SerialNo=24>
11. **Shakir Khan**, Mohammed AlAjmi and Arun Sharma, "Safety Measures Investigation in Moodle LMS" published in International Journal of Computer Applications (IJCA) published online November 2012, Vol. ICNICT, Special Issue No. 4, pp. 41-44. Available at <http://www.ijcaonline.org/specialissues/icnict/number4/9044-1080>
12. Mohammed AlAjmi, **Shakir Khan** and Abu Sarwar Zamani, "Using Instructive Data Mining Methods to Revise the Impact of Virtual Classroom in E-Learning", International Journal of Advanced Science and Technology published online August 2012, Vol. 45, No. 9, pp. 125-134. Available at <http://www.sersc.org/journals/IJAST/vol45/9.pdf>
13. **Shakir Khan** and Arun Sharma, "Detailed Literature Survey Applying Data Mining Techniques in E-Learning" International Journal of Engineering & Science Research published online April 2012, Vol. 2, No. 4, pp. 176-203. Available at http://ijesr.org/admin/upload_journal/journal_shki%205april.pdf
14. **Shakir Khan** and Arun Sharma, "Moodle Based LMS and Open Source Software (OSS) Efficiency in E-Learning", International Journal of Computer Science & Engineering Technology (IJCSET) published online April 2012, Vol. 3, No. 4, pp. 50-60. Available at <http://ijcset.com/docs/IJCSET12-03-04-049.pdf>
15. Mohammed AlAjmi, Arun Sharma and **Shakir Khan**, "Growing Cloud Computing Efficiency", International Journal of Advanced Computer Science and Applications (IJACSA) published online May 2012, Vol. 3, No. 5, pp. 172-176. Available at http://thesai.org/Downloads/Volume3No5/Paper_26-Growing_Cloud_Computing_Efficiency.pdf
16. **Shakir Khan**, Arun Sharma, Abu Sarwar Zamani and Ali Akhtar, "Data Mining for Security Purpose & Its Solitude Suggestions", International Journal of Scientific & Technology

Research published online August 2012, Vol. 1, No. 7, pp. 1-4. Available at <http://www.ijstr.org/final-print/August2012/Data-Mining-for-Security-Purpose-&-its-Solitude-Suggestions.pdf>

17. Abu Sarwar Zamani, Nasser Saad Al-Arifi and **Shakir Khan**, "Response Prediction of Earthquake motion using Artificial Neural Networks" International Journal of Applied Research in Computer Science and Information Technology (IJAR-CSIT) published online May 2012, Vol. 1, No. 2, pp. 50-57. Available at <http://www.setscholars.org/index.php/ijarcsit/article/view/132/51>

CONFERENCE PAPERS:

18. Paper presentation by **Shakir Khan** co-authored with Ahmad S. Al-Mogren and Mohammed AlAjmi, "Using Cloud Computing to Improve Network Operations and Management", The 5th IEEE International Conference on Information Technology Towards Smart World and will be published online soon in IEEE Xplore. <http://www.nsitnsw.com/program.php>
19. Mohammed AlAjmi, **Shakir Khan** and Arun Sharma, "Collaborative Learning Outline for Mobile Environment", IEEE Xplore, published online March, 2014, pp. 429-434. Available at <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6781320>
20. Mohamed F. AlAjmi, Shakir Khan, "Role of embedded systems in medical students learning customization", RTES 2011: 2nd Annual International Conference on Real-Time and Embedded Systems, held on 12-13 September, 2011, Singapore, pp. 75-75. Proceedings paper available at <http://dl4.globalstf.org/?wpsc-product=role-of-embedded-systems-in-medical-students-learning-customization>
21. Mohamed F. AlAjmi, Shakir Khan and Amjad Khan, "Role of Advanced E-Learning Techniques in Enhancing Pharmacy Students' Multidisciplinary Education", The International Educational Technology Conference (IETC 2011)" Istanbul, Turkey. Proceedings paper available at <http://www.iet-c.net/publications/ietc2011-1.pdf>
22. Mohamed F. AlAjmi and **Shakir Khan**, "Effective Use Of Web 2.0 Tools Complex Pharmaceutical Skills Teaching And Learning", ICERI2011, 3rd International Conference on Education and New Learning Technologies published November 2011, Spain, pp. 6649-6653. Proceedings paper available at <http://library.iated.org/view/ALAJMI2011EFF>
23. Paper presentation with Dr. Abdulkadir Alaydarous "Virtual Nuclear Laboratory for E-Learning", Second International Conference of E-learning and Distance Education (eLi13) February 2013, Riyadh (Saudi Arabia). Proceedings paper available at http://eli.elc.edu.sa/2013/sites/default/files/abstract/rp348_0.pdf
24. Mohammed AlAjmi and **Shakir Khan**, "Mobile Community Networks Information Investigation for Additional Significance" published in the proceedings of 6th International Conference of Education, Research and Innovation (ICERI2013) published online November 2013, pp. 4577-4577. Available at <http://library.iated.org/view/ALAJMI2013MOB>
25. Mohammed AlAjmi and **Shakir Khan**, "Data Mining in Learning Management System

- utilizing Moodle", INTED2013 (7th International Technology, Education and Development Conference) published online March 2013, pp. 1825-1825. Available at <http://library.iated.org/view/ALAJMI2013DAT>
26. Mohamed F. AlAjmi and **Shakir Khan**, "The Utility of New Technologies in Enhancing Learning Vigilance in Educationally Poor Populations", EDULEARN12 (4th International Conference on Education and New Learning Technologies) published online July, 2012, pp. 3651-3651. Available at <http://library.iated.org/view/ALAJMI2012UTI>
 27. Mohammed AlAjmi and **Shakir Khan** "Data Mining–Based, Service Oriented Architecture (SOA) In E-Learning", ICERI2012 (5th International conference on Education, Research and Innovation) held in Madrid (Spain) published online November, 2012. Available at <http://library.iated.org/view/ALAJMI2012DAT>
 28. Mohammed AlAjmi and **Shakir Khan**, "Perspective Awareness in Pervasive and Mobile Computing" published in the proceedings of 2012 International Conference on Ubiquitous Learning held in Champaign-Urbana (USA).
 29. Mohammed AlAjmi and **Shakir Khan**, "Confidentiality and Security Aspects in E-Learning" published in the proceedings of 8th International Technology, Education and Development Conference (INTED2014) Valencia - 10th - 12th March 2014.
 30. Mohammed AlAjmi and **Shakir Khan**, "Technology Assisted Autonomous Recording Of Diabetic Indices As A Tool To Enforce Treatment Compliance" published in the proceedings of 7th International Conference on Advanced Technologies & Treatments for Diabetes Vienna, Austria, February 5-8, 2014.

CONFERENCES PARTICIPATION:

1. The 5th IEEE International Conference on Information Technology towards Smart World from 16-18th February, 2015 at King Saud University, Riyadh Saudi Arabia.
2. The Second International Conference of E-learning and Distance Education (eLi13), 4-7 Feb. 2013, at Ritz Carlson Hotel, Riyadh (Saudi Arabia)
3. The International Conference on Issues and Challenges in Networking, Intelligence and Computing Technologies (ICNICT, 2011) at Ghaziabad, India on September 2nd & 3rd, 2011.
4. The Third International Conference of E-learning and Distance Education (eLi 2011), 21-22 Feb. 2011, Riyadh (Saudi Arabia) with title Unique Learning for Next Generation.
5. The Second Saudi International Electronics, Communications and Photonics Conference, on 27-30th April, 2013 SIEPC '13, at KACST in collaboration with IEEE, Riyadh, Saudi Arabia.
6. The International Conference on Issues and Challenges in Networking, Intelligence and Computing Technologies (ICIT, 2014) at Ghaziabad, India on February 9th & 10th, 2014.

WORKSHOPS PARTICIPATION:

1. Participated in workshop on "Designing for Learning: Learning Designs for Designing Effective Online Courses" held on 20th Feb., 2011 in Riyadh (Saudi Arabia) presented by Professor Ron Oliver is Pro-Vice-Chancellor (Teaching and Learning) at Edith Cowan University in Western Australia.
2. Participated in workshop on "Leveraging Internet Resources to Improve Teaching & Learning" held on 20th Feb., 2011 in Riyadh (Saudi Arabia) by Jeff D Borden who is Senior Director of Teaching & Learning at eCollege in USA.
3. Participated in workshop on "ePortfolio for Professionals" held on 19th Feb., 2011 at National Center for e-Learning and Distance Learning Office Riyadh, Kingdom of Saudi Arabia and presented by Dr. Peter Birks is an experienced administrator, educator and consultant with experience in a wide range of educational and business posts in the Middle East and Australia and Chief Academic Officer for a global private education company in Australia.
4. Attended workshop on "Mobile Media for Education" organized by National Center for e-Learning and Distance Learning at Ritz Carlson Hotel, Riyadh, KSA held on 3rd February, 2013.

REVIEWER/EDITOR: Reviewed the following paper with Dr. Mohammed F. AlAjmi.

- ❖ Reviewed the following papers for 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011) on 10-12 June, 2011, Chengdu, China (<http://www.iccsit.org>)
1. Visual Analysis on The Research of Cross-Language Information Retrieval with paper ID A660.
 2. The Evaluation of the Home Textile Web Content and Style Based on the Consumers Visual Angle with paper ID A664.
 3. MSDES: More SDES Key Agreement for SRTP with paper ID A718.
 4. Fault Tolerance in SCADA with paper ID A991.
 5. Quantum Secret Sharing with LED wafers Dot Matrix with Paper A992.
 6. Research on Improved Mechanism for Particles Filter with paper ID A993.

PROFESSIONAL EXPERIENCE IN ACADEMIC AND IT INDUSTRY

- 1) Organization : King Saud University, Riyadh (Saudi Arabia)**
Designation : Researcher, E Learning Deanship
Duration : 19th September 2010 to till date.

RESPONSIBILITIES:

1. Developed College of health sciences (KSU) and Prince Sultan College for EMS websites on SharePoint and open source, continuous support for these websites.

2. Providing training to different college's faculty members on blackboard system i.e. learning management system (LMS), smart classrooms and virtual classrooms.
3. Arranging workshops, online meetings on the same for conducting training in female campuses.
4. Providing IT and technical support for day to day activities deployed at different colleges of King Saud University.
5. Research work and published many papers in international conferences and journals mentioned below under publication title.
6. Troubleshooting the problems for projectors, Blackboard and ePodium system for first one year of joining.
7. Took web tools and technologies classes for post graduate and undergraduate students.
8. Implementation and supervision many projects for the college development with my boss Dr. Mohammed F. AlAjmi with requirement analysis and flow of the projects and these projects are as follows:

- a. **Princems Educator Gateways:** This system is based on MOODLE open source web based learning management system and has been utilized to provide online training to the students and managing content uploaded by lecturers or professors.
- b. **Shift Tracking System:** This web based tracking system is used for student's attendance and comments from their clinical preceptors when they go for training in different hospitals after finishing their courses. This has been developed in codeignitor open source framework.
- c. **Emergenmed Game:** This game based web application is used for creating quiz for students to ask questions. If student choose wrong answer for any question then student is directed to study particular chapter based on that question and if the answer is correct then clapping will take place and adding 1 mark for this correct answer. This is also developed in codeignitor framework.
- d. **Student Response System:** This system is used in classrooms to take the response of lecture given by any instructor. SMS are delivered to the students by containing the URL and student's user name and password and students will respond to questions based on lecture. Another way directly getting response through same gateways like getting back sms for to these questions and the system is developed in codeignitor framework.
- e. <http://www.alumarwebsolution.com/particular/> this classified portal is developed in Codeignitor framework.
- f. <https://pscems.ksu.edu.sa/en> developed in Sharepoint2010.

2) Worked on the following web portals as freelance programmer :

http://www.doctorksa.com/	http://www.techbargains.com/
http://www.alumarwebsolution.com/particular	www.i-fanatic.com
http://asm.org/	www.apexindustrial.com
http://www.divinewellness.com/	www.leadformix.com
http://www.mothersprideonline.com	www.systemsinmotion.com
http://www.adidasall24.com/ph/	www.deskstream.com
http://www.fireflyvideo.com/	http://www.probeinternational.org
http://www.elledecor.co.in	http://www.leadformix.com
http://www.backstage.com/bso/index.jsp	http://www.loadstarsensors.com

http://www.florist.com/ http://jaypeegreens.com/ http://eplasty.com http://www.datingheadshots.com www.michiganmaintenance.com www.loadstarsensors.com	http://www.japanautopages.com http://ultimategamecard.playspan.com http://www.greenbeanery.ca/bean http://www.e21global.com/ http://www.aptaracorp.com
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3) Organization : Integrid Media Private Ltd, Noida (India)

Designation : Manager – Technical Support – IT, Portal & Digital Solutions
Duration : 5th December 2006 to 31st August 2010.
Project Name : <http://www.yqworld.com> and other portals
Tools Used : PHP, HTML, AJAX, JAVA Script.
Database : My Sql

Responsibilities: As mentioned above, I have been involved in the project from scratch and did planning, coding, testing, maintenance, writing the technical document and leading the technical team. This portal provides educational information to the students related to their career, courses, institutes and the same for overseas. I also did Search Engine Optimization (SEO) for the company’s portals.

4) Organization : IBM, Gurgaon (Client side at Airtel - Bharti Televentures Ltd)

Designation : Trainee Software Engg.
Duration : February 2005 to June 2005
Project Name : SMSJAVA
Tools Used : JDK1.8, JDBC, JAVA, SMPP Protocol Version3.4
Database : Oracle 9i, Sql, Pl/sql, Java

Description about the project:

The Purpose of this interface is: 1.update the subscriber’s payment info into all IVR database online and also send the payment confirmation SMS to the subscribers. 2. Inform the subscribers about their current bill amount through SMS. 3. Inform the subscribers as and when their VAS component is activated via sending Confirmation SMS to the subscribers. 4. Inform the subscribers for their unpaid bill amount two days before last day of payment to avoid late payment charges.

MEMBERSHIPS

❖ IEEE Membership Number 91114813

TECHNICAL KNOWLEDGE	
LANGUAGES	: PHP Main exp, C#, ASP. Net3.0
RDBMS & TOOLS	: MySQL, SQLyog, SQL server 2000
OPERATING SYSTEM	: UNIX & Windows 98/2000/NT/XP/win7
WEB TECHNOLOGIES	: HTML, DHTML, Java Script, AJAX, Jquery and Dreamweaver
WEB SERVER	: IIS, Apache, WAMP

OPEN SOURCE SKILLS	:	Joomla, Drupal, Codeignitor & Wordpress, SEO integration in all developed websites
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PERSONAL INFORMATION		
Date of Birth	5 th February 1978	
Permanent Address	Shakir Khan S/o Gayour Khan Village-Kallanheri, Tehsil-Deoband District- Saharanpur(UP), India	Shakir Khan C/O Ayub Khan, 259, First Floor, Ikram House, Jamia Nagar, New Delhi 25
Passport Number	J5350562	
Nationality	Indian	
Religion	Muslim	
Marital Status	Married with two sons	
Language Known	English, Hindi & Urdu + few Arabic	
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REFERENCES:

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Pharmacy
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I hereby declare that all the information mentioned above is true to the best of my knowledge.

(Shakir Khan)