Fakhreldin Tag Elsir Elkhidir Ali.

Department Information & Computer Science
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Summary

- 2 Years Experience in Software Quality (Assurance, Control).
- Good knowledge in Software Quality International Standers (CMMI).
- 4 Years Experience in Software Analysis and Development (UML, Java, PHP,C++,Delphi).
- 2 Years Experience in Database management Systems (Sql Server, MySql, and Oracle).
- 4 Years Experience in Academic Institutions and Universities include Teaching and Research (KFUPM, SUST , Canadian University in Sudan, Nile College For Medical Sciences and Elmashreq College For Science and Technology).
- Different Workshops and Training Courses (Test Driven Development, Fundamentals of Quality Excellence Models, Cloud Computing, PHP, MYSQl, and RHCE).
- Good communicational skills and ability to Work under Stress for a Long period of Time.
- Ability to Work on Owns initiative as Well as a Part of a Team.

Education

- MSc of Computer Science – Software Engineering, Department Information & Computer Science, KFUPM , KSA ,Thesis about Web Applications Quality : Security Testing .

Courses: Software Quality Assurance, Software Validation and Verification, Software Requirements Engineering, Software Design, Acceptance Testing, Software Product Line Engineering.

- B.Sc. (HONOUR) in Computer and Information Systems 2006, Sudan University of Science and Technology, graduated with **First Class Honors**.

Research Interests

- Software Quality Assurance
- Software Product line Engineering.
- Web 2.0 Technologies and Web Application Development.
- Open Source.

Achievements

- **Best National Application Award**, In Information Technology And Communication Conference, Khartoum 2010, By The Ministry Of Information Technology And Communication- National Information Center, Sudan .

- My Senior Project Selected To Represent Sudan University Of Science And Technology In The Scientific Forum For Engineering And Computer Students (2006), With Other Projects In Khartoum.

- Web Based System To Support Student In Selecting Their Universities And Colleges After Sudanese Examination High Schools (Team Leader).

- Graduated Students Web Site, For SUST, (Quality Assurance Engineer).

- Nile College For Medical Sciences Web Site , Sudan , (Quality Assurance Engineer).

- E-lbokhary Web Site: http://www.elbukhary.com, (Developer and Tester).

- Team Leader for Customizing and Translating ERP Software for Giad Steel Company from English to Arabic.

- Web Site of Belchina Trading Company, Sudan.

- Schools Management System, Using PHP and MYSQL (Developer).

- Web based system using GSM Modem to send SMS in urgent cases, PHP and MYSQL (Developer).

Selected Publications

- Fakhreldin.T.alssir, Hosni Mohtassab ,"Arabic Unified Modling Language ", Communications of the Arab Computer Society, Vol. 4 No. 1, August, 2011.(Journal Paper, Arabic).

-Fakhreldin.T.alssir, Mazin Saeed, "Fuzzy Algorithm for Selecting Trustworthy Peer ", IADIS international Conference www/internet, brazil, 2011. .(Accepted).

-Fakhreldin.T.alssir, Moataz Ahmed," Web Security Testing Approaches: A Comparison Framework", Advances in Intelligent and Soft Computing, 2012, Volume 144, Proceedings of the 2011 2nd International Congress on Computer Applications and Computational Science, Bali, Indonesia, Pages 163-169,2012.

-Fakhreldin.T.alssir, Moataz Ahmed," Testing Web Applications for XSS: CA based Approach", Submitted.

Experiences

Job Title	Company / Institution / University	Work Responsibilities
Researcher (Full Time) Oct 2009- Now	Department Information & Computer Science King Fahd University of Petroleum & Minerals Dhahran, Saudi Arabia	-Instruction and assistance in the area of Software Engineering. -Research Assistant in Different Projects : * Acceptance Testing for SPL. * Aspect oriented matrix Suite. * Arabic Speech Recognition . - Worked with Student Registration Deanship.
Teaching Assistant (Full Time) Nov 2006- Now	College of Computer Science and Information Technology Sudan University of Science and Technology- Khartoum - Sudan	- Instruction and assistance in the area of Computer Science and Laboratories (Linux OS, C, Java, Internet Applications, Data Structure, Database and software Engineering) . - Member of Examination Committee. - Member of Result Committee. -Academic Supervisor for First year Student in my Department. - Coordinator of Computer laboratory and lectures Schedule. - Coordinator of Seminars.
IT Consultant May 2009 – Aug 2009	Belchina for Trading –Sudan Sector	- Team leader for Customizing and translating ERP software for Giad steel company. - Developing Web based software for company Transaction - Developing The company web site.
Software Developer (Part Time) Nov2006- Now	Computer Center Sudan University of Science and Technology- Khartoum - Sudan	-Team leader for Developing Web based system to support student in selecting their universities and colleges after Sudanese examination high schools. - Developing Web based system for

Job Title	Company / Institution / University	Work Responsibilities
		Gradated Student Unit in SUST. -Programming Competitions System, took the Best National Application Award , in Information Technology and Communication Conference, Khartoum 2010, by the Ministry of Information Technology and Communication, Sudan
Teaching Assistant (Part Time) Marh2007 –August 2008	Canadian University in Sudan	- MBA Master Students :Subjects Taught as Teaching assistance (C++) - Under graduate Students. : Subjects Taught as Teaching assistance (Java) .
Teaching Assistant (Part Time) Mar 2007- Mar 2008	Department of Software Engineering Elmashreq College For Science and Technology , Khartoum , Sudan	- instruction and assistance in the area of Computer Science and Laboratories (Java, Internet Applications, Data Structure, Database and software Engineering) . - Member of Examination Committee
Teaching Assistant (Part Time) April 2008- May 2008	Department of Medical Informatics Nile College For Medical Sciences Khartoum , Sudan	- Instruction and assistance in the area of customize IT for Medical Sciences .

September 2011