



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Faisal Moeen**
Address(es) 94, Chaussee de Boondaël, Ixelles, Belgique.
Telephone(s) Personal: +32 483676651
E-mail fmorakzai@gmail.com
Nationality Pakistani
Date of birth 01.02.1984
Gender Male

Work experience

Dates **July 2010 – Sep 2012**
Occupation or position held Software Consultant
Main activities and responsibilities Design & Development of “iDiagnostic & Telemedicine System” for providing remote assistance to cardiac patients living in far-flung areas with no access to cardiac health facilities. A project funded by ICT R&D Fund.
Name and address of employer Centre for Advanced Research in Engineering (CARE), Sir Syed Memorial Building, 19-Ataturk Avenue G-5/1, Islamabad, Pakistan
Website: www.carepvtltd.com

Dates **May 2009 – Sep 2012**
Occupation or position held GIS Software Architect
Main activities and responsibilities

- Design & Development of GIS based Flood Monitoring Application
- Design & Development of GIS based Disaster Relief Application
- Design & Development of Surveying Application for handheld devices
- GIS Data (Raster & Vector) collection, consolidation & serving to organisations involved in disaster relief operations e.g. National Disaster Management Authority, Pakistan Army & NADRA etc

Name and address of employer Mr. Ghulam Subhani, Chief Software Architect, Communication & Information Technology Branch, GHQ, Government of Pakistan. Ph:00925156133820 Hp: 00923218523164

Dates **April 2007 – May 2009**
Occupation or position held Software Analyst & Developer
Main activities and responsibilities Design & development for information systems across the entire country in a distributed architecture for carrying out essential national level tasks and automation of complex workflows with primary focus on ensuring transparency & human intervention. Some of the projects I worked upon include:

- Office Automation System (OAS)
- Record Management System
- Leave Management Application
- Move Sanction Application

Name and address of employer Mr. Azam Ajmal, Chief ICT Officer, Communication & Information Technology Branch, GHQ, Government of Pakistan. Ph:00925156130957

Education and training	December 2002 – May 2006									
Dates										
Title of qualification awarded	Bachelors in Computer Engineering (GPA : 3.83/4.0 Silver Medal)									
Principal subjects/occupational skills covered	Software Engineering			Computer Graphics			Computer Architecture			
	Digital Signal Processing			Computer Networks			Control Systems			
	Digital Image Processing			Operating Systems			Embedded Systems			
	Digital Systems Design									
Name and type of organisation providing education and training	National University of Sciences & Technology (NUST)									
Personal skills and competences										
Mother tongue(s)	Urdu									
Other language(s)	Pashto, English									
Self-assessment										
European level (*)										
English	Understanding					Speaking				Writing
	Listening		Reading		Spoken interaction		Spoken production			
	C1	Proficient User	C2	Proficient User	B2	Independent User	B2	Independent User	C1	Proficient User
TOEFL IBT SCORE 103/120 taken on 13.08.11										
Social skills and competences	<ul style="list-style-type: none"> - Team work: I have worked in various types of teams. Since 1997 I have been playing hockey in various teams. Since 2007, I have been involved in various developmental & research teams. I have spent over 11 years in hostels during which I have been participating in various team competitions. - Intercultural skills: I have had the opportunity to live in all four provinces of Pakistan which helped me understand various cultures. During earthquake relief operation 2005, I had the opportunity to work with people of various nationalities including Americans, Afghans & Saudis. During IDP (Internally Displaced Persons) relief operation of 2009-2010, I had the opportunity to interact with people of various tribal belts of Pakistan. - Presentation skills: Almost all the projects I have been involved in, required presentations & demonstrations to heads of various organisations which has given me a lot of confidence in my presentation skills. I was declared as The Best Debater of College of E&ME NUST in 2006. 									
Organisational skills and competences	<ul style="list-style-type: none"> - Leadership: I have remained the captain of hockey team at various places for a cumulative period of three years. I had the senior most student appointment in the university and was declared as "The Overall Best Student". Currently I am heading a team of 17 persons with diverse technical background. - Employee counselling: Since 2007, I have been involved in various projects with many people working under me. This experience has given me a lot of chances of counselling and giving motivational talks. - Project management: I have been a team lead in almost all the projects undertaken by me. In 2006, I had the opportunity to attend a workshop on entrepreneurship by Prof Mathew James Manimala from IIT Kanpur in which my business plan stood third in final competition. - Event management: During my college & university life, I have organised a lot of dinners, curricular & co-curricular activities. 									
Technical skills and competences	<ul style="list-style-type: none"> - Installation & configuration of Sun Blade Chassis - Software Systems Design - Digital Hardware Design 									

Computer skills and competences

Geoinformatics

- ArcDesktop 10
- ArcGIS Server 10 installation, configuration and enterprise distributed deployment in production.
- ArcSDE installation, configuration and enterprise distributed deployment in production
- Google Enterprise Server installation, configuration and enterprise deployment in production.
- Google Fusion installation and data fusion in production environment.
- Skyline Globe suite installation, configuration and enterprise deployment in production
- GIS application development with ArcGIS api for Flex
- GIS application development with ArcGIS api for JavaScript
- ArcGIS Viewer for flex configuration and widget development
- Geodatabase editing workflow development through versioning
- Geodatabase multiple data centre deployment with replication
- Development of geoprocessing models
- Application development in ArcPad
- Global Mapper 12.
- ArcGIS Tracking Server evaluation in development environment.
- GpsGate evaluation in development environment
- Change detection through ENVI
- Evaluation & deployment of Bilgi GIS

Software Development

- J2EE programming
- Java Messaging System (JMS)
- Hibernate
- Apache 1.2 & 2.0 web services development
- Structured Query Language (SQL)
- JavaScript programming
- Business Process Management (Oracle BPM)
- Microcontroller Programming
- Visual Paradigm for ORM
- Thin Client application design
- Query optimization through Hibernate Profiler
- J2SE programming
- Java Server Faces (JSF)
- Adobe Flex
- Apache WSO2 data services development
- Object Oriented Analysis & Design (OOAD)
- Java Server Pages (JSP) programming
- Data Warehousing
- Browser Helper Objects (BHOs)
- C/C++ Development
- Oracle 11g
- Application development for mobile phones in J2ME, WinCE, Android

Data Centre Technologies

- Citrix Xen Server Virtualization
- Citrix Xen VDI (Virtual Desktop Infrastructure) with HDX (HD streaming technology)
- Parallels Virtuozzo Containers
- Sunray thin client architecture
- VMWare vSphere Virtual Infrastructure data centre deployment
- VMWare vCloud Director evaluation
- IBM Websphere installation, configuration & deployment
- Apache Tomcat installation, configuration & deployment
- Java Mail Enterprise Server (JAMES) installation, configuration & deployment
- Configuration of Windows Server 2008 as Domain Controller & DNS

Other skills and competences

- Course in Red Hat Enterprise Linux
- Course in Object Oriented Analysis & Design
- Course in Android Platform Development
- Course in Entrepreneurship
- Member Pakistan Engineering Council

Additional information

PUBLICATION

"Applying folding & register minimization transformation on DFG and generating Verilog HDL code", in proc. International SoC Design Conference, 2005, Seoul, Korea

AWARDS

- Winner COMPEC 2006 for the project "VeriC"
- Winner PASHA Awards 2011 in e-health category (<http://pashaictawards.org/2011/10/07/pakistan-holds-its-2011-oscars/>) Serial 18.
- Winner APICTA Awards 2011 in e-health category (<http://www.apicta2011.com/index.php/2011-winner>)

Faisal Moeen