

Ovais Ahmad Khan

OBJECTIVE

Looking for a challenging position in software industry that allows me to make use of my software engineering and networking background; providing room for creative growth, research and exposure to advanced computer science areas.

WORK EXPERIENCE

Kalsoft (Pvt.) Ltd, Karachi, Pakistan

<http://www.ekalsoft.com>

February 2005 - present

Technical Lead / Software Architect

- Currently working as Technical Lead and Software Architect in the Enterprise Architecture Group
- Performed pre-project technical analysis and consultancy for various clients
- Working on CRM Plus, a CRM Application for financial institutions (C#, SQL Server 2005, VS.Net 2005)
- Worked on Channel Intranet Solutions, a license based e-learning delivery product (C#, ASP.Net 2.0)

Software Engineer (Developer / Analyst)

- Performed analysis and design of an automated testing tool to verify "Reptile", titled "Anti-Reptile"
- Worked on a Call Center reporting tool "Reptile", for a UK-based client (C#, VC++, VS.Net 2003)
- Worked for about a year as an outsourced software consultant for enhancing Banking Vision and UniNet, banking solutions being used at Union National Bank, Abu Dhabi, UAE (C/C++, BC5, Oracle 9i, Oracle ProC, VC++, Web Services)

Note: Details are available in the attached 'Project Details' document

National University of Computer & Emerging Sciences (NU-FAST), Karachi Campus, Karachi, Pakistan

<http://khi.nu.edu.pk>; <http://www.nu.edu.pk>

March 2002 - January 2005

Acting Manager ICT Office

- Managed the Campus LAN consisting of over 200 workstations at two locations for about seven months
 - Managed a team of 10 people and administered servers, routers and workstations
 - Implemented Microsoft Software Update Service (SUS), for automated Software updates
 - Implemented a load-balancing and fault tolerant proxy server using multiple links
 - Designed and implemented VPN to give remote access to teachers and students
 - Set up and administered Linux based Research Lab mainly consisting of old PCs
 - Designed and implemented Network Monitoring System using SNMP and MRTG
- Worked as an Advisor ICT Office to stream line the networking infrastructure of the university

Research Officer / Teaching Assistant

- Worked under Dr. Misbahuddin Mirza in the area of Distributed Computing with special focus on Grids and implemented a Grid Computing Environment within the campus
- Set up a distributed computing environment using the PVM library
- Assisted in courses like Information Processing Techniques, Operating Systems, and Data Structures including supervision of course projects, assignments, labs and conducted workshops
- Developed an automated programming assignment testing software
- Deployed an open-source online course collaboration system

TECHNICAL SKILLS

Programming Languages: C#, C/C++, Java, SQL, PERL, Shell Scripting

Web Based Tools: ASP.Net (1.1 and 2.0) , HTML, ASP, JSP, XML, XSL, JavaScript, Java Applets

Middle Tier Technologies: COM, Java Beans, Web Services, Dotnet Remoting, BizTalk Server

Emerging Technologies: Grid Computing, .net 3.0 (WF, WPF)

Database Systems: SQL Server, Oracle, MySQL, Access

Application Servers: IIS, Resin, Tomcat

Development Tools: Microsoft Visual Studio 6/.Net/2005, Borland C++ 5, Microsoft Visual Studio Team System, Crystal Reports, Oracle ProC, Microsoft Visual Source Safe, Borland JBuilder, Eclipse

Other Tools: Microsoft Visio, Rational Rose, ERWin, Microsoft Project

Operating Systems: Windows 9x/NT/2000/XP/2003 (Professional & Server), Linux, Solaris, Free BSD

EDUCATION

National University of Computer & Emerging Sciences (NU-FAST), Karachi Campus, Karachi, Pakistan
<http://khi.nu.edu.pk>; <http://www.nu.edu.pk>

MS (Computer Science) with Specialization in Data Communications

December 2004

Bronze Medal (3rd Position); Thesis Core Area: Grid Computing; CGPA: 3.48 (4-point scale)

FAST Institute of Computer Science, University of Karachi, Karachi, Pakistan
<http://khi.nu.edu.pk>; <http://www.nu.edu.pk>; <http://www.uok.edu.pk>

Bachelor of Compute Science (BCS)

December 2001

Bronze Medal (3rd Position); CGPA: 3.76 (4-point scale)

TRAININGS / WORKSHOPS ATTENDED

- BizTalk Server 2006 Developer Quick Start, Microsoft, December 2006
- BizTalk Server 2006, Kalsoft (Internal Training), November 2006
- Microsoft Pakistan Developers' Conference, July 2003 and July 2006
- IBM DB2 Fundamentals, IBM IT Education Services, April 2003
- IBM WebSphere Studio, IBM IT Education Services, April 2003
- Teradata Basics, NCR Education System, June 2002

RESEARCH PUBLICATION

- Misbah U. Mirza, Ovais A Khan, et al, "A Parallel Distributed Environment for Pakistan", in Proceedings 7th IEEE International Multi-Topic Conference (INMIC'2003), Islamabad (Pakistan), 8-9 Dec, 2003

SELECTED HONORS AND ACHIEVEMENTS

- Received Bronze Medal for securing 3rd Position in MS (CS)
- Received Bronze Medal for securing 3rd Position in BCS
- Received the first prize in IEEE Student Paper contest held in September, 2001
- Received scholarship for two years from the Ministry of Science & Technology, Government of Pakistan
- Received the award for outstanding performance at FAST Karachi in Spring 2000 and Fall 2000

PROFESSIONAL MEMBERSHIPS

- Institute of Electrical and Electronic Engineers – IEEE (since 2001)
- Association for Computing Machinery – ACM (since 2002)
- IEEE Computer Society – IEEE CS (since 2004)
- IEEE Communications Society – IEEE ComSoc (since 2004)
- Microsoft TechNet Club (since 2004)

PERSONAL INFORMATION

Nationality: Pakistani

Passport Information: Pakistani Passport, bearing valid UAE visa