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Professional Profile

- More than seven years of in-depth and intense experience with Internet based solutions (both intranet /web).
- Good Analytical and Entrepreneurial skills which lead to find out newer ideas from existing systems and data
- Comprehensive understanding of Database concepts and RDBMS.
- Excellent communication and learning skills, professional troubleshooting skills
- Highly adaptable. Continual self-learner. Enjoys working as a team member; also able to work independently or with minimal supervision
- Enjoys R&D in related field and ready to accept challenging and innovative tasks.
- Quite Up-to-date with latest trend in the field of Information Technology and Business.
- Having basic understand of social media and its implementation in an organization.

Work Experience

Project Lead, TradeKey(Pvt)Ltd(Jan 2009 to date)(<http://www.tradekey.com>)

As a lead I am responsible to take care of various aspects of projects; from finding out a solution of a problem to writing code and managing team.

Senior Software Engineer, TradeKey(Pvt)Ltd (July 2008 to Dec 2009)(<http://www.tradekey.com>)

Worked both as team player and in individual capacity to develop and enhance various front-end and back-end systems of the B2B portal.

Projects at TradeKey

- **TradeShows(<http://tradeshow.tradekey.com>):** Tradeshows are important part of any business. TradeKey provides a section to facilitate traders to exhibit their products to outer world. As a lead I was involved in the entire cycle of revamping of the system.

Tools and Technologies: PHP,Apache Mod Rewrite, OOPS,SEO

Role: Team Lead.

Number of Members: Four

- **TradeKey Community(<http://community.tradekey.com>):** A hub where buyers and sellers can easily communicate

Tools and Technologies: PHP, Apache Mod Rewrite, OOPS, AJAX

Role: Team member.

Number of Members: Five

- **ERP System:** Customization of egroupware's Open Source package to facilitate different departments; Finance, HR and Admin. I worked on Interdepartmental Communication module called TTS where I was part of the team which heavily customized it.

Tools and Technologies: PHP, Zend Studio, Apache

Role: Team Member.

Number of Team members: Three.

- **CRM System:** An in-house system built to deal with various demands of sales and service delivery departments. I worked on team management modules for sales department and service delivery module for service delivery department to cater with clients' need efficiently.

Tools and Technologies: PHP, Zend Studio, Apache, OOPS

Role: Team Member.

Number of Team members: Five.

Senior Software Engineer, Uffaq Technologies (June 2007 to May 2008)(<http://www.uffaq.com>)

Worked as a team member to design and develop solutions based on IBM's FileNet enterprise content management system (ECM).

Projects at Uffaq Technologies

- **Data Migration Solution(DMS)**

A customized desktop application to convert paper based data in digital format by scanning, classification and barcode detection. The digitized data later is stored in FileNet's Content Engine (CE).

Tools and Technologies: FileNet's CAPTURE APIs, FileNet's CE API, VB.NET, Sql Server 2000

Role: Team Member.

Number of Team members: Three.

Application Programmer, APD Dept Cybernet Internet Services (Pvt) Ltd. (August 2005 to May 2007)(<http://cyber.net.pk>)

Working as team member of APD Department, Head Office. The core functions of APD department are handling billing system of ISP and design and maintenance of in-house applications of Lakson Group of Companies.

Projects at Cybernet

- **Access Control Module for Time Management System(TMS)**

A Role based Access Control System for TMS (http://www.criss.com.pk/portal/alias_Portal/lang_en/tabID_48/DesktopDefault.aspx), a web-based Time and Attendance system with enhanced shift generation mechanism and hierarchal work flow based leave management system. The architecture of the system is like that security could be applied on both file and link level which prevents accessing of files by entering URL in browser. The system also has been integrated with IBM's *Sametime Messenger* and *Microsoft's MSN Messenger* so that incharges can receive notifications about incoming leave or time adjustment requests.

Tools and Technologies: JSP, Tomcat, Java Beans, DreamweaverMX, Oracle, AJAX (Javascript+XML), IBM's Sametime Messenger, MSN toolkit for Java.

Role: Team Leader.

Number of Team members: Three.

Officer, Systems & Operations Division, Bank Alfalah Ltd. (October 2003 to July 2005)

Work as team player of the Systems and Operations Division, Head Office. The core functions of the Systems and Operations Division are to design operational policies for day-to-day banking operations. Conduct research on the various technologies and computer application for their implementation.

Projects at Bank Alfalah

- **Web based SWIFT activity viewer(<http://instacash.biz>)**

A software interface capable of viewing the SWIFT activity on line, this software provides a web-based application. The Client i.e. beneficiary, The Correspondent i.e. sending Bank and the Target Bank can benefit from this application. The branch user logs in and updates the status of the transaction on-line for example, PAID, ACCOUNT CREDITED & Transaction Denied. The Client i.e. the Beneficiary can view the status and collect his remittance form the mentioned counter / Branch. The Sending Branch also can view the status of the transaction.

Tools and Technologies: PHP, Mysql, Dream weaver MX.

Role: Team Leader, Db Designer and System architect.

Number of Team members: Two.

- **Nostro Activity System(NAS)**

Developed an online interface so that branches can view SWIFT activities on Intranet, users will have facility to download current activities or selected activities in form of PDF file which is generated on the fly. The generated PDF file is password protected and can't be edited and copied.

Tools and Technologies: PHP, Mysql, Dream weaver MX.

Role: Team Leader, Db Designer and System architect.

Number of Team members: Three

- **Swift Statistical Analyzing System(SSAS)**

This system is designed to facilitate the International Division to get the statistics of the MT's which are sent and received by the Corresponded banks.

Tools and Technologies: PHP, Mysql, Dream weaver MX.

Role: programmer.

Number of Team members: Three.

- **Wireless LAN & VOIP implementation**

The objective of this project is to provide Wireless Data and Voice solution as a state of the art, technologically advanced, high-tech model branch. It is being made structurally sound with most modern facilities within its walls while maintaining original and historic look from its exterior.

Role:

- Conduct research on different WLAN based technologies and products.
- Preparation of technology reference document about the current technology being used in WLAN and VOIP.
- Coordination with Vendors and Solution providers for obtaining quotations and proposals.

- **E-banking Portal Development**

The objective of this project is to provide fully secured Internet based online electronic delivery channels for banks, which can provide the bank's Clients with convenient and secure access to their banking information over Internet. It will allow multi-branch connectivity and allows banks with heterogeneous core system across branches to serve the clients simultaneously. The project is in Analysis Phase.

Role:

- Conduct research on various technologies being used for the implementation of e-banking.
- Identification of tools and platform that meets bank's operational requirements.

Web Developer, The Cyber Bridge (July 2002 – August2003)

- **Jewelry Web Mall [Client: - Elegant Jewelers (USA)]**

- A Web based jewelry-shopping site, a user can search different type of jewelry and can purchase online. Admin will have right to add/delete/edit products, shipping rates, tax rates, user management, order management etc, Reports for viewing order details etc

Role:

- Analyzed and developed the database using MS-Sql 2000
- Used Erwin to model the Entity relationship diagrams.
- Developed the front end and back end using ASP, used Ms-Sql ODBC drivers to access the database.
- For emailing, used the ASP Email component
- For Image Resizing, used ASP Upload component

Tools and Technologies: ASP, MsSql2000, FrontPage, Allaire Cold fusion Studio

- **Online Entertainment Shopping Mall**[<http://dvdair.com>]

An e-commerce website where user can search different type of CDs (Audio Cd, DVD, VCD) and can purchase online. Online transaction facility is provided and for this purpose 2checkout.com's payment gateway was integrated. There is an Admin panel where site Administrator can set different attributes of shopping mall.

Role:

- Design and Development of Database using Ms-Sql 2000
- Backend programming in ASP, used Ms-SQL ODBC drivers to access database

Tools and Technologies:

ASP, MsSql2000, FrontPage, Allaire Cold fusion Studio 4.5

Web Developer, Hilinks Pvt. Ltd., August 2000 – June 2002

- **Order Status Tracking System (Client: AmirIndustries)**

Web based Order Tracking System for Garment industries (www.amirindustries.com), client after logs in can have view of his order status with the help of customized report. User has option to view order history. There is an administration Section having option of **user management, Order Management.**

Tools: Cold Fusion, PostgreSql, and FrontPage2000

- **WebTBS**

WebTBS is a Web based business package which provides complete business solution for small and medium organization, it consist of three modules a) Inventory b) GL c) HR. Lead a team for the development of HR module, developed a system so that payroll preferences and user rights can be set at different levels (company, sub company, station and branch).

Tools: Cold Fusion, Postgresql, and FrontPage2000.

Role: programmer.

Number of Team members: Ten.

- **Project Manager**

The purpose of this system is to keep track of ongoing projects and monitor protects status and developers` performance by project managers and upper management. A project manager can insert information of new projects; assign a project team leader and developers. A project leader can then divide the project in several tasks and assign them to developers .A developer can give the comment regarding his task, so that management may be well informed about developers` performance. Higher management can keep an eye on all projects` status.

Tools: Php, MySQL, and FrontPage2000

Role: Db designer & programmer.

Number of Team members: Three.

- **Dynamic Gif Creation of Stock Graph**

(<http://web.archive.org/web/20010923040517/http://hilinks.com/>)

As a member of Reuters project of HILINKS, developed a utility, which creates a GIF image of stock graph on the fly, It takes data from **Reuters** server and then use that data for the plotting of graph, it was developed in **PHP**.

Tools: PHP, GD component for graphics, Cold fusion Studio

Role: Programmer & Architect.

Number of Team members: Two

- **Displaying of dynamic data in Static HTML files**

(<http://web.archive.org/web/20010923040517/http://hilinks.com/>)

A utility which extracts data from cold fusion file or from database and display them in static HTML files rather than in cold fusion file, so in order to display data, it doesn't send request to database server, this utility has been implemented in different section of HILINKS .

Tools: Cold Fusion, Postgresql, and FrontPage2000

Role: Programmer.

Number of Team members: Three

- **Med Link** (<http://web.archive.org/web/20010923040517/http://hilinks.com/>)

Achievements

- **MySQL to JSON converter:** My first ever contribution for Open Source community. A [PHP class](http://www.phpclasses.org/browse/package/3195.html) [http://www.phpclasses.org/browse/package/3195.html] converts MySQL result set into [JSON](http://json.org/) [http://json.org/] format. This class was also mentioned on [AJAXian](http://ajaxian.com/?p=1332) [http://ajaxian.com/?p=1332], a well known website which covers AJAX related technologies. My class also ranked 3rd and was nominated for *Innovation Award* for July 2006. This class was also [ranked](http://weblogs.com.pk/kadnan/archive/2006/07/09/4479.aspx) [http://weblogs.com.pk/kadnan/archive/2006/07/09/4479.aspx] 8th in *Top Downloaded Class*.
- **MSN Quran:** A MSN Bot which returns the English translation of Quran by using specific command. A C# based application which runs as a NT service stays online all the time. User adds a particular MSN ID and then can refer any verse by using specific commands. 1600 users got subscribed with this application in a month from different parts of the world and 26,000 lookup messages were sent within a month. The detail of the project is given [here](http://kadnan.blogspot.com/2006/10/msn-quran-quran-reference-on-msn.html) [<http://kadnan.blogspot.com/2006/10/msn-quran-quran-reference-on-msn.html>].

Technical Skills

- (i) Programming Languages
 - C/C++, Visual Basic, Turbo Pascal, GW-Basic and Borland C++ Builder
 - Databases
 - POSTGRESQL, Postgresql, MySQL (Linux/Windows), Microsoft SQL Server, Microsoft Access
- (ii) Web Technologies

- Active Server Pages (ASP), Cold fusion, PhP, VBScript, JavaScript, FrontPage, HTML, DHTML, CSS, JAVA Servlets, JSP and Web 2.0
- (iii) Operating Systems
- Red Hat Linux, Windows NT/98/2k, MS-DOS
- (iv) Mobile Technologies

- J2Me,symbian,opera mobile SDK,Mobile Web

Education

- Bachelor Degree in Computer Engineering from SirSyed University of Engineering and Technology, Pakistan

Certification

- Certifications from Brain Bench (Red Hat Linux Administration, Cold Fusion 4.5)

References

To be available upon request.