

Resume / Curriculum Vitae

Of

SHAHZAD KHAN

**Mobile:** 00 92 321 49 777 09

**Email:** [HaiderShahzadKhan@gmail.com](mailto:HaiderShahzadKhan@gmail.com)



11, DAOOD STREET BUKHARI MARKET NEAR NAQSHA STOP  
LINK WAHADAT ROAD LAHORE ( PAKISTAN )  
PHONE: 0092-321-4977709  
E-MAIL: HAIDERSHAHZADKHAN@GMAIL.COM  
SHEZOO@GMAIL.COM

# SHAHZAD KHAN

## CAREER OBJECTIVES

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To work for a progressive organization with full devotion and to utilize all theoretical and practical knowledge to contribute towards growth of the company in general, and self-growth in particular.

Deeply committed learner and teacher, improving students' lives and continuously striving to lead by example; a position to make suggestions/proposals to facilitate decision making for achieving set goals and objectives; a position that requires challenging work with strong initiative power coupled with administrative drive.

Eager to bring my organization into the new knowledge-based society using a unique combination of talent coupled with an excellent academic and professional background. I am ambitious, determined, motivated, dependable, have initiative and ability to work effectively in multicultural environments.

## EDUCATION

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October 2008 – April 2012

**Masters in Business & Information Technology ( IT & FINANCE )**

*CGPA 3.95/4.00 - Gold Medal for 1<sup>st</sup> position in session*

**University of The Punjab, Lahore (Pakistan)**

August 2008

***Bachelor of Arts (Mass Communication)***

***Private Candidate***

**University of The Punjab, Lahore (Pakistan)**

October 2003 – April 2008

***BS (Hons) Computer Sciences ( Software Engg. )***

*CGPA 3.67/4.00 - Gold Medal for 1<sup>st</sup> position in session*

**Hajvery University Lahore (Pakistan)**

2001 – 2003

***Intermediate Computer Science  
Grade A.***

*Army Public College, Sirgodha (Pakistan)*

**Federal Board of Intermediate & Secondary Education.**

1999 – 2001

***High School ( Metric in Mathematics & Computer Sciences )  
Grade A.***

Private Candidate

**Board of Intermediate & Secondary Education.**

## **CERTIFICATIONS & TRAININGS**

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Aug 2008

**Cisco Certified Network Professional (CCNP)  
*Routing & Switching***

Only Trainings from Corvit Systems Lahore. (Pakistan)

May 2008



**Cisco Certified Network Associate (CCNA)  
*Certified by Cisco Systems International.***

Trainings from Corvit Systems Lahore. (Pakistan)

## **RESEARCH STUDIES**

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November 2011 – April 2012

***Emerging E-Business Models: A Web 3.0 Perspective***

I have done an exploratory descriptive research on the evolution of web and business modeling for e-businesses. Based on the research and study, I have designed and presented a four dimensional e-business model for Web 3.0 that is named as PMI-T e-business model. The model has been accredited by the jury at University of The Punjab, Lahore (Pakistan) after critical review and defense under the supervision of Dr. Syed Mansoor Sarwar ( Principal at Punjab University College of Information Technology and Director at Institute of Business & Information Technology ). Working on research papers to publish the model in the international high impact e-commerce journals.

## WORK EXPERIENCE

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October 2012 – To date

Institute of Business and Information Technology, University of The Punjab, Lahore.

### ***Lecturer (Finance with IT)***

*Working as a regular faculty my duties are but not limited to teaching of Finance and IT courses to graduate and post graduate classes, prepare course plans for the respective courses and participate in management actions. I am currently teaching Management Information System, Data Warehousing and Software Engineering.*

August 2012 – September 2012

Analytics (pvt) Limited.

### ***Business Intelligence Executive***

Analytics is Data warehousing and Business Intelligence service provider in Pakistan. It is partner of IBM for Cognos and Infosphere solution. It also holds the golden partnership with Microstrategy to provide BI solutions globally. It is the only Teradata partner company in Lahore, Pakistan. I have worked with Analytic on a Data warehousing and Business Intelligence project for a client.

September 2010 – To date

Mahmood Sons (pvt) Ltd.

### ***IT – Consultancy & Software Engineering Service for Business Development***

Mahmood Sons (pvt) Ltd. deals in Tiles, Sanitary, Pipes, Fittings and Building Materials. Along with 6 display centers, 8 warehouses and a PPRC & PVC production facility, Mahmood Sons is renowned Importer of PVC, PPRC, steel, iron, ceramic, porcelain and granite materials in Pakistan. I am giving IT-Consultancy to Mahmood Sons for integration and centralization of their warehouses and showrooms.

At Mahmood Sons I am responsible for:

**Research & Design** of required Transaction Processing System, Management Information System and Decision Support System for the integration and centralization of all the corporate premises at the Head Office.

**Business Process Re-engineering** at all the operational and informational touch points to achieve efficiency and effectiveness.

**Develop and Continuously Improve** systems to support the procurement, inventory management, sales management, accounts & finance management, attendance & payroll management, customer relationship management and supply chain management.

**Develop and Continuously Improve** Enterprise Reporting System to support the higher management in making judicious decisions inferred from the knowledge built on information system.

**Design, Implement and Supervise** maintenance of the Cloud Computing Environment for Mahmood Sons (pvt) Ltd. to make the information systems and related services available on the

move.

**Trainings** of employees at Mahmood Sons (pvt) Ltd. to use and take advantage of the available information systems and other useful resources that can provide business intelligence.

July 2010 – August 2010

**Bank Alfalah Limited.**

***Internship***

As a partial requirement for MBIT program I was given an opportunity to learn about banking in the professional environment of Bank Alfalah Limited. There I learnt about the remittance, cheque clearing, account management and credits. The experience of working on **BANK SMART** banking application was a good learning and understanding of banking (accounts) automation systems and customer management systems. I also made an **OBC CHARGES CALCULATOR** for my supervisor in the cheques clearing department.

May 2008 – October 2008

**Warid Telecom (Pvt.) Ltd.**

***IT Support Engineer.***

Warid Telecom (pvt) Ltd. is a SBU of Abu Dhabi Group in the Pakistan, providing Telecom services nationwide.

At Warid-Tel, I was responsible to:

**Troubleshoot** Ethernet and Wireless Network Devices.

**Manage** the file server to assure the availability of support software on the companies' MAN (Metropolitan Area Network).

**Implement and Maintain** the Tabs (Online Billing and Customer Support System for Franchises) in the central region (Lahore-Pakistan).

August 2004 – Jan 2008

**Ideal Science College and Academy.**

***Lecturer Computer Sciences & Mathematics***

Ideal Science College and Academy is multi branch tuition and coaching center for High School, Intermediate, Bachelors and Masters Classes. The institute has been serving the education in town for more than 20 years successfully and is renowned for its talented faculty that produces superior results every year.

At ISCA I was responsible for:

**Teaching and Training** of Information Technology subjects and Programming in Visual Basic to students of Bachelors of Computer Sciences.

**Teaching** Computer Science and Mathematics to High School (Metric) and Intermediate (ICS).

**Teaching** Physics to High School students.

**Set up** lecture plans and course outlines for the short computer courses in FOUNDATION of IT, MS OFFICE, WEB DESIGNING, WEB PROGRAMING, HARDWARE A+, NETWORKING ESSENTIALS and SPOKEN ENGLISH LANGUAGE.

**Recruitment and Admission management** in the summer camp short computer courses.

**Promotion and Placement** of the summer camp short computer courses among the schools, colleges, universities and other institutes.

## COMMERCIAL & ACADEMIC PROJECTS

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### **Online Management System for Mahmood Sons**

The online management system provides a web based integrated human resource management system, inventory management system, sales management system, accounts and finance management system, customer relationship management system and supplier management system. The front end of the system is developed using PHP, AJAX, CSS, JAVASCRIPT, JQUERY, CRYSTAL REPORTS and other web based front end tools required to support the system efficiency and effectiveness. The backend of the system is in MYSQL, the system runs on WAMP (WINDOWS, APACHE, MYSQL & PHP) server. The system has been designed, developed and implemented by my individual technical efforts over the period of 6 months with continuous improvement in the system for more than a year.

### **Design & Implementation of Corporate Network for Mahmood Sons**

I have designed and implemented the corporate network architecture for Mahmood Sons to run the online management system and provide connectivity among widespread showrooms and warehouses of Mahmood Sons. The network provides LAN & WLAN connectivity within all premises and interconnects all the premises via WAN. The network has centralized web server that hosts the online management system in a private cloud. The network also provides connectivity and centralized monitoring of all the premises using close circuit cameras implemented at the sites and accessible via web interface.

### **Online Management System for Alif Plastic Industry**

I am working on the automation of Alif Plastic Industry. API is a PVC and PPRC manufacturing company that acquires raw material from national and international suppliers and adds production and processing values to it for PPRC and PVC Sanitary Fittings. The automation system has been designed to provide automation to the procurement department, raw material inventory management, production process, sales management, inventory of finished goods, quality management, supplier management and account & finance management. The designed system is to be implemented using web platform with WAMP and supportive technologies on a SaaS platform.

### **Online Biometric Attendance & Payroll Manager**

Designed and developed a biometric attendance and payroll manager that uses a finger print scanner to enroll and identify an employee and mark his/her attendance in the online attendance manager. The software also provides payroll automation on the base of monthly salary, allowed leaves, attendance bonus, overtime payments, late and absent fines. It was specially designed for Mahmood Sons; however it has the potential to be customized for other clients. The system was developed using C#, web services and MySql.

## **Enterprise Software System for School**

It is a web based ESS designed to fulfill the needs of a multi branch school network. The software system consist of admission management system, faculty management system, student management system, exam management system, attendance management system, leave management system, quiz management system, album management system, school management system and others. The database structure was designed using ER Studio. The DFD was drawn using EDRAW MAX 5. The GANTT and PERT chart were drawn on MS VISIO. The front end was developed using PHP, AJAX, CSS, JAVASCRIPT and backend is in MySql.

## **University Automation System for Hajvery University.**

It was the final project of BS(Hons) Computer Science (Soft. Engg. & RDBMS). The university automation system provided a complete set of management modules for the student and faculty recruitment, student enrollment, course management and student registration, faculty hiring and payroll management, examination and result management along with a strong reporting system to analyze the performance of students from various backgrounds in a particular program. The system was developed as with role based access and control management system for students, faculty and administration using web technology. The front end and control panel was developed using asp.NET while the back end was developed using Microsoft SQL Server.

## **MahmoodSonsPvtLtd.com**

It is a website project that I did for Mahmood Sons (pvt) Ltd. The website is developed using PHP, MySql, JavaScripts, AJAX, CSS and Flash as tools.

## **MrMaoShanghai.com**

It was a static website. The design work is done in Adobe Photoshop. With a little work of PHP on the feedback and contact forms, the static contents of the site are made using a blend of CSS and Javascript.

## **Student Admission System**

It was my semester project for DBMS. It was a complete admission management system designed for a school. The database structure was designed in ER Studio 8.0 and Oracle XE 10g was used to develop the database and front end elements.

## **Quiz Management System**

It was a semester project for the course of OOP. The project was designed to maintain a question bank and enable teachers to create quizzes out of them. It provides all the facilities regarding quiz management e.g. scoring, grading, reporting and etc. The front end was designed and implemented in C# and the backend was in MS Access.

## **Movie Rental System**

It was a semester project for the course of Principles of Programming. The software was designed for member and rental record management for a Movie Store. The front end was in VB .NET and backend was in MS Access.

## **Web Portal ( ApnaPakistan )**

It was a semester project of my course E-Commerce. The front end and control panel was developed using asp and the backend was developed in MS Access.

### **PCB Simulator**

It was the final project of my course Operating System. PCB Simulator demonstrated the implementation of FCFS, SJFnp, SJFp, RR, MLQ, MLFQ and priority based processing of processes in a CPU. It was developed using Java applet and demonstrated how the processes are being simultaneously run on computer system.

### **Picture Puzzle and Magic Games**

Picture Puzzle was a 16 x 16 puzzle game developed in Java applet for single player. It was an inspiration from single dice moving picture puzzle hand game. The Magic Game was based on mathematical trick of multiples of 9, and developed in Java applet. These were my final projects for JAVA-I developed in Java.

### **Luddo (Game)**

It was my final project of course Programming in C. The game was designed and developed for at least 2 players and a maximum of 4 players using C programming language.

### **Implementation of Warid TABS over Internet.**

Warid re-launched its TABS services for franchise in August 2008. I was the leading IT Support Engineer in the implementation and covered the central region.

### **Strategic Business Management (stayconnected.com)**

It was a group project in which we presented a business plan for an online business based on ecommerce strategies along with the strategic business management plan for the Human Resource Management, Operations Management Strategies, Strategic Marketing Management, Financial Management, Customer Relationship Management, Supply Chain Management, Total Quality Management and Selling Strategies and Sales Management. The overall goal of the project was to attract an investor in a business plan that promises high, speedy, secure and sustainable returns on investment.

### **Project Appraisal (IT Consultancy Firm)**

It was a group project for the financial appraisal course in which we conducted a financial analysis of the IT Consultancy market, and provided bases for the planning and financial feasibility of setting up an IT Consultancy Firm. The core idea was to demonstrate the financial analytic abilities to conduct a feasibility study that supports the capital budgeting and investment decision making in terms of financial fact and figures.

### **Organisation Theory and Design (Mahmood Sons pvt Ltd.)**

It was a group project on the organizational study of the Mahmood Sons pvt Ltd. under the course outline of Organization Theory and Design. Our team conducted an observational study of the human resources, operations, accounts, production, sales, customer relationship management, supplier management, supply value chain management and positioning of Mahmood Sons pvt Ltd. in the tiles and sanitary fittings market.

## **PROGRAMMING LANGUAGES**

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With a basic concept building from the C/C++ programming along with assembly, I have a logical attitude towards programming which enables me to learn and adapt to new programming languages and tools swiftly and easily. I have worked with proficiency in the following programming and scripting languages on web and desktop applications for academic and commercial projects.



- PHP
- C#
- VB .Net
- Asp .Net / Asp
- Javascript

## **DATABASE TOOLS**

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Databases are the fundamentals of business applications and with a co-specialization in RDBMS, I have been able to work on various platforms of RDBMS without any problem. Over the past I have been working on the listed RDBMS however I can learn and adapt to the new tools in a very short span of time with an ability to train others as well.

- MySQL
- Oracle XE 10g
- MS Access
- MS SQL Server

## **DESIGN TOOLS**

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Computer aided designs make the software development processes more precise, efficient and effective to move across various platforms and work on the quality standards. I have been working on the following software design tools.

- ER Studio 8.0
- E Draw Max 5.
- MS Visio.

## **QUALITY ASSURANCE TOOLS**

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Quality is the key to success in every market, from learning to teaching, design to development I have been using several quality assurance methods and tools to increase productivity aligned with standards and reduce costs and defects in work. Listed below are some quality tools and standards I have learnt and used in professional and academic works:

- ISO 9000-9001
- CMM & CMMI
- Tiger Pro
- SPSS
- TAT

## **INTEGRATED DEVELOPMENT ENVIRONMENTS & DEVELOPMENT TOOLS**

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IDEs make it easy to develop and manage projects on a supported platform as well as align with the industry standards for the production. I have worked in the following EDIs with proficiency:

- Borland C/C++
- Visual Studio .Net
- Dreamweaver
- Adobe Widgets
- Google Toolkit
- JQuery Tools

## **CO CURRICULAR ACHEIVEMENTS & ACTIVITIES**

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I have been an active participant in sports and other co-curricular activities throughout my career. I have achieved following honors in co-curricular activities:

- Fourth position in programming ( C# ) competition held by NASCOM 2010 at NU-FAST ISLAMABAD
- Member of Student Executive Committee at PU-IBIT
- Blue Card in Anchor No.1 Talent Hunt Show by Waqt News.
- Gold and Silver Medals in Wushu (Kungfu) Martial arts at school, district and national level.
- Like to play snooker, chess and basketball in free time.
- I love to leisure by reading and writing poetry in Urdu, English, Punjabi and Pashto.

## **ADDITIONAL SKILLS**

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- Business Presentation Skills.
- Analytic and Decision Maker.
- Good Communication Skills.
- Fluent in English, Urdu, Punjabi, Pashto.
- Adaptive and quick learner.
- Exceptional counseling skills.
- Knowledge in designing curriculum.
- Data management and administration ability.
- Ability to produce high-quality results.
- Goal-driven and hard working.
- Responsible and consistent.

## **PERSONAL DATA**

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- Date of Birth: 17 October, 1986
- Marital Status: Married
- Special Interests: Reading, Traveling, Research, Poetry, Programming, Software Development, Strategy Games and Sports.

## **REFERENCES**

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References will be furnished as per requirement.