

# BROHI AIJAZ ALI

SOFTWARE ENGINEER/TRAINER



## Information

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## Summary

- Over 6 years of work experience in **design, development** and **implementation** of **web, windows, Enterprise** and **Mobile** based applications in domains of **Financial, Education, Examination, Business** and **Realtor Service industry**.
- Handsome experience on **Project Management, Training** and **Teaching** Experience in Information Technology and Software Engineering.
- Expertise in Object Oriented Analysis and Design (OOA & D), development, implementation and testing of software application.
- Strong Leading Skills and IT Management Skills in different organizations and strong knowledge for delivering seminars on Software Engineering Technologies.
- Strong in developing Internet, Intranet and Client Server applications **using JAVA, PHP, ASP.NET, C# and VB.NET** with **SQL Server 2000/2005, Oracle** and **MySQL** as backend.
- Developed Web Forms and Win Forms applications with **.NET Framework 1.1/2.0/3.0/3.5** and ASP.NET.
- Experience in coding **Cascading Style Sheets (CSS), DHTML, XML** and **JavaScript**.
- Developed Web applications with **Open Source(PHP and MySQL), MS.Net (ASP and ASP.Net) and Java (Servlets and JSP)**
- Developed use cases and functional flow charts using **UML**.
- Designed databases with **MS Access, SQL Server and MySQL**.
- Developed component based three tier ERP applications using **COM, DCOM, EJB and Web Services**
- Developed applications in Java platform with **Swing, JDBC, Servlet, JSP, JSP, Struts, Hibernate and EJB with JEE architecture**.
- Experience in developing and consuming **web services** as per projects requirements.
- Developed web and windows applications using C# and fairly comfortable with VB.NET.
- Worked extensively on HTML Controls, Web Controls and User Controls using both C# and VB.NET.
- Well experienced with tools like Visual **Studio.NET and Visual Studio 6.0**.
- Experienced in Business Data analysis, Design, Modeling and Implementation on major RDBMS (SQL Server 2000/2005). Worked extensively with Stored Procedures, Triggers and Indexes.
- Ability to work under pressure and meet stiff targets with time management and leadership skills and excellent analytical and problem solving skills and good understanding of Software development Life cycle (SDLC).
- Strong System Analyst experience for enterprise organizations.

## HIGHLIGHTS OF SPECIFIC CONTRIBUTION IN THE FIELD OF INFORMATION TECHNOLOGY

- Played Leading Role in Software Engineering Field and Faced difference challenges and resolve issues related to IT and Computer Science
- Project Management Roles in different free lance and consultant projects.
- Trained and Management IT and Computer Science professionals as well learners.
- Arranged different seminars on IT and Computer Science Technologies to motivate and present aim and objective of IT and Computer Science Technologies.
- Analysis different projects like Accounting, Inventory, Payroll and Educational
- Lead different projects of companies as team leader and supervisor
- Trained and Developed Skills of IT Professionals in Different areas of Skills
- Taught all IT and Computer Subjects in different Institutes.
- Software development Skills on .Net , Java and PHP Technologies
- Performed the responsibilities of Project Management and Software Quality Assurance.
- Worked in single, multi-user environment and multi-tasking (Windows 98/Me/2000/XP).
- Knowledge of system & group policies in 98/2000/XP Domain.
- Team player with good communication and inter personal skills.
- Developed different projects of governments and private sectors like Police, WAPDA, shopping centers.

## Professional Experience

**Employer** ([Mehran University of Engineering & Technology Paksitan](#)) 03/06/2010 to till to date

**Role : Senior Software Developer/Team Lead**

**Software Incubator Department of Computer Systems**

**Responsibilities:**

- Managing projects of **Examination & Admission System in .NET and Open Source Technologies( PHP & Java)**
- Defining tasks , Assigning responsibility , Controlling and monitoring quality
- Responsibilities from the beginning of project initiation, planning, controlling, and executing to both management and to the project team
- Attaining team objectives , Planning work , Allocating resources
- Scrutinizing progress , Checking performance, Appointing secondary leaders
- Creating in Documentation of the projects.
- Creating in Reporting services of client
- Setting standards and maintaining regulation , Training the team
- Setting up systems to facilitate communication with the team
- Evaluation of alternatives and ability for decision making.
- Planning and controlling for necessary counteractive measures.
- Financial familiarity for budget risk management.
- High communication skills.
- Negotiating abilities.
- People management to motivate them towards the project goal.
- System designing and maintenance.

**Employer ([Hidaya Trust and Hidaya Foundation Jamshoro/Hyderabad](#)) 1/08/2009 to 07/06/2010**

**Role : Project Manager & Technical Team Lead**

**Responsibilities:**

- Managing projects of ASP.NET, PHP and System administration.
- Responsibilities from the beginning of project initiation, planning, controlling, and executing to both management and to the project team
- Attaining team objectives , Planning work , Allocating resources
- Defining tasks , Assigning responsibility , Controlling and monitoring quality
- Scrutinizing progress , Checking performance, Appointing secondary leaders
- Building and upholding team spirit
- Creating in Documentation of the projects.
- Creating in Reporting services of client
- Setting standards and maintaining regulation , Training the team
- Setting up systems to facilitate communication with the team
- Developing work methods to craft team function cohesiveness
- Leadership skill to arouse action, progress, and change.
- Contractual skills to organize subcontractors.
- Evaluation of alternatives and ability for decision making.
- Planning and controlling for necessary counteractive measures.
- Controlling the Financial familiarity for budget risk management.
- People management to motivate them towards the project goal.
- Responsibilities of System designing and maintenance.

**Employer ([The SACOM Group](#))**

**1/8/07 to 30/06/2009**

**Role: Senior Developer/ Analyst**

**Responsibilities:**

- Developed projects on Oracle, .NET Framework PHP and MySql in n-tier architecture and AJAX.
- Heavily involved in the design/development of all the above applications using ASP.net, PHP, and C#, JavaScript/DHTML, XML/XSLT and AJAX.
- Developed Business layers and encryption code for database in open Source with PHP.
- Developed .NET Class Library assemblies using ADO.NET and C#. Written business components in middle tier.
- Developed User Controls in .Net to provide the menu bars.
- Used ADO. Net's Data adapters, disconnected data sets and XML readers to access the database and return XML/relational data to the front end.
- Implementing dynamic data access using XML and XSLT.
- Created reports using Microsoft Reporting Services and integrated into the web front end.
- Involved in writing DDL scripts (SQL objects like tables, views, rules, defaults and user-defined data types) and creating DML scripts (Stored procedures & Triggers).
- Stored procedures were extensively used for data access and data manipulation in the business logic layer. Triggers were used for audit purposes for keeping track of changes in the data.
- SSIS was used for creating packages and automating them using SQL scheduler. These packages are used to move data from and into SQL Server from various sources (like Sybase, Excel & MS Access database) on a scheduled basis.

**Environment:** Dream Weaver CS3, SQL Navigate, Apache ASP.Net 2.0 with C#, Visual Studio 2005, SQL Server 2005, Web Services, HTML, JavaScript, Microsoft Reporting , CSS, Visio 2002, Visual Source Safe, , PHP Designer, SQL Navigate, SQLFront.

**Role : Course Facilitator/Trainer (BBSYDP Software Engineering )****Responsibilities:**

- Taught and trained .NET Class Library assemblies using ADO.NET and C#. Written business components in middle tier.
- Taught and trained User Controls in .Net to provide the menu bars.
- Used ADO. Net's Data adapters, disconnected data sets and XML readers to access the database and return XML/relational data to the front end.
- Taught and Trained dynamic data access using XML and XSLT.
- Taught and Trained reports using Microsoft Reporting Services and integrated into the web front end.
- Taught and Trained in writing DDL scripts (SQL objects like tables, views, rules, defaults and user-defined data types) and creating DML scripts (Stored procedures & Triggers).
- Stored procedures were extensively used for data access and data manipulation in the business logic layer. Triggers were used for audit purposes for keeping track of changes in the data.
- Taught and trained packages and automating them using SQL scheduler. These packages are used to move data from and into SQL Server from various sources (like Sybase, Excel & MS Access database) on a scheduled basis.

**Environment:**

Dream Weaver CS3, SQL Navigate, Apache ASP.Net 2.0 with C#, Visual Studio 2008, SQL Server 2005, Web Services, HTML, JavaScript, Microsoft Reporting , CSS, Visio 2002, Visual Source Safe, , PHP Designer, SQL Navigate, SQLFront.

**Employer (Aptech Computer Education Hyderabad Center )****18/03/2006 to 30/06/2009****Role : Visiting Faculty Member****Responsibilities:**

- Taught and trained Microsoft.Net Technologies(C#.NET, VB.NET, MS SQL Server, Windows Forms, ADO.NET, COM, DECOM, WEB Services and SOAP, ASP.NET, WCF, WPF, XML Programming, Network Programming, .Net Remoting, Windows Services, IIS Programming, MS Office Programming, Mobile Programming, Shared Points etc..)
- Taught and Trained Java Technologies (Core Programming, Swing Programming, JDBC, Network Programming, XML Programming, RMI, Java Beans, EJB, Java Server Pages, Servlets, JEE Architecture, Mobile Programming etc.)
- Taught and Trained Open Source Technologies.(PHP 5, MySQL, Zend Framework, Joomla Framework etc ).
- Taught Software Engineering Essentials, Software Quality Assurance, Software Verification & Validation, Software Project Management & UML Designing.

**Environment:**

Dream Weaver CS3, SQL Navigate, Apache ASP.Net 2.0 with C#, Visual Studio 2008, SQL Server 2005, Web Services, HTML, JavaScript, Microsoft Reporting , CSS, Visio 2002, Visual Source Safe, , PHP Designer, SQL Navigate, SQLFront.

**Employer ( SAWAKSOFT )****04/05/2004 to 20/08/2005****Role: Software Engineer****Responsibilities:**

- Designed and developed the application in ASP.NET, C#, VB.NET.
- Implemented user controls in ASP.NET.
- Used Web Services in C# to access the patient information through a secured channel.
- Generated various reports using SQL Reporting Services.

- Used VSS for maintaining the component and for release and version management.
- Created backend stored procedures and triggers using SQL server.
- Extensively used Gridview for displaying the data in a clear format.
- Used 'N Tier' architecture for the application like web services.
- Involved in Documentation of the projects and Reporting Services of Client.

**Environment:**

ASP.Net with C#, VB.NET, Visual Studio 2003, SQL Server 2000, Web Services, HTML, JavaScript, Microsoft Reporting , CSS, Visual Source Safe.

**Employer ( New Master Mind Education Center Hyderabad )      17/03/2004 to 15/03/2006**

**Role : Computer Instructor ( Part Time )**

- Taught Java, VB 6.0, MS SQL Server, Windows Operating System Installation and Trouble Shooting.
- Taught Introduction to Computer Science and Information Technology.
- Maintained network problems and trouble shootings.
- Designed and implemented the network of Labs.
- Helping and managing final year student projects.

**Professional Skills**

- Can lead people in working environment and can face challenges to improve the system.
- Can manage people and can play role as project manager in IT and Computer Science Organizations.
- I can learn new technologies and tools
- Teach and train skills for different professionals and new learners.
- Can maintain and developed applications at home any time.
- Motivation in team Skills and good communication skills.
- Flexibility to develop skills according requirements.
- Worked as team leader in enterprise environment.
- Developed and Analyzed Web Applications for different Business Organizations
- Developed Web based Portal Application
- Developed Web Base Mobile Application.
- Developed Mobile Web Applications and PDA Devices Applications.
- Developed Windows for Accounts and Inventory System.
- Developed and design online Examination System.
- Developed and Managing School Websites and Online Admission System
- Developed and Solving Internet based Applications and communication applications.

**SUBJECTS AND SKILLS**

| <b>SKILL NAME</b>                             | <b>SKILL LEVEL</b> |
|---|--------------------|
| <b>OS / HARDWARE / NETWORK MANAGEMENT</b>     | <b>LEVEL</b>       |
| Microsoft Windows 98, 2000, ME, XP , Vista    | Advanced           |
| Installation of all System Components         | Advanced           |
| Disk Management, Ghost, Backup                | Advanced           |
| Microsoft Windows NT 4.0/2000 (Server/Client) | Advanced           |
| Troubleshooting of Hardware and Software      | Intermediate       |
| Network Installation and Management           | Intermediate       |
| <b>Web Development</b>                        | <b>LEVEL</b>       |
| HTML/DHTML/CSS                                | Advanced           |
| ASP, ASP.Net 1.0 , 2.0, 3.0 and 3.5           | Advanced           |
| AJAX (DOJO and ALTAS Framework)               | Intermediate       |

|  |              |
|--|--------------|
| JSP/ Servlets / JSF/ Struts                                      | Advanced     |
| Troubleshooting  | Intermediate |
| XML/XSL/XSLT   | Intermediate |
| PHP 5.0  | Intermediate |
| VBScript/JavaScript/JScrip                                       | Advanced     |
| XAML   | Intermediate |
| Cold Fusion  | Intermediate |
| <b>DATABASE</b>  | <b>LEVEL</b> |
| Ms Access  | Advanced     |
| Microsoft SQL server 7.0(2000) and 2005                          | Advanced     |
| My SQL   | Intermediate |
| Oracle   | Intermediate |
| <b>CLIENT SERVER DEVELOPMENT</b>                                 | <b>LEVEL</b> |
| Visual Studio.Net (C#. Net / VB.Net )                            | Advanced     |
| Java Platform (Core Java, Advance Java, JSP, EJB, Servlets, RMI) | Advanced     |
| Visual Basic 6.0   | Advanced     |
| C/C++ , Pascal and GW Basic                                      | Intermediate |
| <b>Mobile Programming</b>  | <b>LEVEL</b> |
| Microsoft Compact Framework 1.0, 2.0 and 3.0                     | Intermediate |
| Java Micro Edition   | Intermediate |
| <b>Developments Tools and IDE</b>                                | <b>LEVEL</b> |
| Borland JBuilder   | Intermediate |
| Visual Studio and Visual Studio.Net                              | Advanced     |
| FrontPage, Macromedia Dream Viewer                               | Intermediate |
| Pascal and GW Basic  | Intermediate |
| JCreator, JForm Designer, JFrame Builder                         | Advanced     |
| Fidder Debugger  | Intermediate |
| PHP Designer   | Advanced     |
| SQLFront and SQLYag  | Advanced     |
| PSPad  | Advanced     |
| TextPad  | Advanced     |
| Microsoft Office 97 to 2007                                      | Advanced     |
| <b>COMPUTER SCIENCE THEORIES AND CONCEPTS</b>                    | <b>LEVEL</b> |
| Data Structure   | Advanced     |
| Digital Logic and Design   | Intermediate |
| Computer Architecture  | Intermediate |
| Operating System   | Intermediate |
| Operation Research   | Intermediate |
| Artificial Intelligence  | Intermediate |
| Database Management System                                       | Advanced     |
| Discrete Mathematics   | Intermediate |

## Education Profile

| Degree/Certificate/<br>Diploma            | University/Board          | Duration    | Major Subjects   |
|---|---------------------------|-------------|--|
| M.Sc Computer Science                     | University of Sindh       | 2 Years     | Data Structure, Operating System, Computer Architecture, Digital Logic and Design, Java, AI, Expert System, SAD, DBMS and RDBMS, Visual Basic, Automata Theory |
| Advance Diploma in Software Engineering   | APTECH Computer Education | Three Years | Java Platform, .Net Framework 1.0, 2.0, XML Integrations, J2EE, Web Development Tools and Oracle 8i  |
| Post Graduate Diploma In Computer Science | University of Sindh       | One Year    | Operating System, Data Structure, DLD, Matrix Laboratory, C/C++, Java, Visual Basic 6.0, Office Automation, Internet   |

## SOFTWARE PROJECTS AND APPLICATIONS IN MY CAREER

- **Hidaya Trust / Foundation Projects**

1. Hidaya Trust Paperless
2. <http://www.hidayatrust.org> [ Hidaya Trust Website ]
3. <http://www.hidaya.org> [ Hidaya Foundation Website ]
4. <http://Hidaya.US> [ Hidaya Project Accomplishment Dashboard CFO ]
5. <http://www.histpk.org> [ Hidaya Institute of Science & Technology ]
6. Vehicle Booking System
7. Hidaya Dashboard System
8. <http://www.hidayaislamic.org> [ Islamic Online training Academy ]

- **Projects of Sacom Group**

1. <http://www.sacomclient.com>
2. <http://thesacomgroup.com/>

- **Free Lance Projects**

- Image Processing Lab for Bio Chemistry Lab of Sindh University.
- Virtual Messenger for Virtual University Student Forum using technologies like VS 2005, C# and SQL Server 2005.
- Developed Account and Inventory System of Ibrat News Paper of Pakistan.
- Developed Accounts, Inventory and Payroll System of Mumtaz Hyderabad Sindh Pakistan.
- Web Messenger Using C#. Net and SQL Server for Virtual University Of Pakistan.
- Mobile Portal using ASP.Net 2.0 and SQL Server 2000.
- Hyderabad Police Management System Using VB 6.0 as Programming Language and SQL Server 2000 Back-End.
- Online Telephone System of World Call Using ASP.Net and SQL Server 2000 for USA Clients.
- Payroll System developed in VB 6.0 as Programming Language MS Access as Back-End Database.

- Online Scholl Automation System developed in Servlets and MS SQL Server 2000.
- Distribution Management System developed in Java (JDBC, Swing Components) as Programming Language and MS SQL Server 2000.
- Police Management System using VB6.0 and SQL Server 2000.
- Mobile Portal Using ASP.Net 2.0 and VS 2005 Tools and SQL Server 2000 as Back Database.
- **MUET Projects**
  - Currently working on Examination department Enterprise application to develop automated examination system for examination system.