

Bilal Haider

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SUMMARY

- A dedicated team player with more than eight years of experience in designing and developing enterprise applications on Microsoft platform with domain expertise of Project Control.
- Have been living in Kingdom of Saudi Arabia for a cumulative period of **20+ years** with a deep insight of multi-cultural society and working environment.
- A computer engineer with post graduate diploma in business studies to offer a perfect blend of technical and administrative skills.
- Currently working as System Analyst and Programmer.
- Excellent technical and leading skills with the ability to work under pressure and take runtime decisions.
- Can motivate and influence others; can train and mentor subordinates.
- Strong knowledge of .NET framework with experience of various desktop & web based n-tier application development; expert in object oriented analysis & design.
- Ability to play through application development with elegance.
- Unique technical abilities with outstanding analytical skills.
- Extensive exposure to diverse range of tools and technologies.

MEMBERSHIP

Member Saudi Council of Engineers (SCE)

Membership No: 115822

Member Pakistan Engineering Council (PEC)

Registration No: Comp/6032

Member International Association of Engineers (IAENG)

Membership No: 138899

CERTIFICATION & TRAININGS

- **Microsoft Certified Professional**

70-526: Windows Based Client
Development
Transcript ID: 863344



- **Brainbench Certifications**

Transcript ID: 7504387
.Net Framework v4.0



ASP.NET v4.0



- **Effective Project Management Training (24 CPD Hours)**
- **Enterprise Project Management for Team Members Training (8 CPD Hours)**

TECHNICAL SKILLS

- **Development Languages**

C#.NET (1.1 - 4.0), C, C++, Assembly, Java
HTML, HTML5, XML, PHP, CSS, JavaScript,
jsTree, ASP.NET, ASP.NET MVC 5 + vNext,
AJAX, BootStrap, jQuery

- **Data Bases**

Oracle 10g, MS SQL Server 2K - 2K14,
MySQL (4.0, 5.0), SQLite(3.0)

- **Tools & Environments**

Visual Studio (2003 - 2015),
Crystal Reports (IX, XI), CodeIgniter,
Microsoft Enterprise Library, Telerik
OpenAccess ORM, Entity Framework,
Doxygen, DotNetBar, Install Shield Wizard,
Infragistics Tools, ComponentOne Studio,
Microsoft Chart Controls, Eclipse,
Rational Rose, Erwin, NSIS

- **Engineering Tools**

AutoCad, National Instrument's TestStand,
Matlab, Proteus, Keil, Magic, Electric

- **Office**

Microsoft Office 97 - 2016, Microsoft
Project, Microsoft Visio

- **Operating Systems**

Microsoft Windows
3.1/95/98/ME/2000/XP/2008R2/Vista/7/8,
Linux Red Hat 9.0, Ubuntu

- **Sharepoint**

SharePoint 2010 (Foundation &
Enterprise), SharePoint Designer 2010,
Microsoft InfoPath 2010

WORK EXPERIENCE

- **Advanced Vision**

Jan 2009 - Present

System Analyst and Programmer
King Abdulaziz Road, Beside NCB, Jeddah, Saudi Arabia
+966-920023004
www.visionem.net

- **PowerSoft 19**

1 Year and 1.5 Months (Oct 2007 - Nov 2008)

Software Engineer
94/1 Tufail Road, Lahore Cantt, Pakistan.
+92-42-661404-05
www.powersoft19.com

- **Digital Links**

3 Months (July 2007 - Sep 2007)

Information System Engineer
45 B-2, New Garden Town, Lahore, Pakistan.
+92-42-111443355
www.digitallinks.biz

INTERNSHIP

- **Rapid Soft Solutions (RSS)**

1 Year (July 2006 - June 2007)

Software Engineer
IH-156 Falcon Complex, PAF Colony Gulburg-III, Lahore, Pakistan.
+92-42-9232100
www.rss.it.tc

- **CASoft**

6 Months (Jan 2006 - July 2006)

Software Developer
Suite # 24, 2nd Floor, Al-Hafeez Tower, M.M. Alam Road, Lahore, Pakistan.
+92-42-5785316
www.casoft.org

- **Electronic Document Manager (eDM) – Advanced Vision**

Tools:

ASP.NET MVC4, HTML5, AJAX, jQuery (with different other plugins), jsTree, Uplodifive, SQL Server 2008

Details:

It is a web based system that targets document management across the whole life cycle. The system is capable enough to manage multiple companies. It has separate user and admin interfaces. Using HTML5 and other tools, it tries to mimic desktop behavior in the web environment by implementing unobtrusive validation. By utilizing the potential of jQuery and AJAX data processing has been made POST-free. The interface has been decorated using jQuery UI.

Currently, the system is in pre-production stage.

- **Document Storage System (DSS) – Advanced Vision**

Tools:

C#.NET, ASP.NET, AJAX, jQuery, MS SQL Server 2005, NSIS, DotNetBar, SharePoint 2010

Details:

It is an in-house application that is used by various departments of the company to submit all kind of documents to the Quality & Document Control Department for storage and further manipulation. It was started with MS Access then upgraded to MS SQL Server 2005. A custom auto update module has been implemented to obtain the highly customized requirements. It provides Office 2010 theme with customizable colors. It specifically manages the Purchase Order on the Project and Supplier basis along with other parameters including Net Price which is useful for estimation & analysis.

Now it is also available as a Web Application for access at remote project sites spread throughout the Kingdom.

A SharePoint based workflow has been implemented to automate the process of access to the system.

- **Project Deliverables Tracking System – Advanced Vision**

Tools:

C# .NET 4.0, SQL Server 2005, DotNetBar, Microsoft Chart Controls

Details:

The focus of this system is to track any kind of activity in general. It is used being used in-house for tracking the progress of project deliverables to the client. A weightage has been assigned to each and every stage. Based on the completed tasks, it provides separate visual status of all the active/completed projects by an interactive bar chart. Deliverables can be uploaded to different stages of the available classification, which varies on project basis as per the client/consultant requirements. Follow-up alerts can be added for each stage after the required period of time i.e. receive documents from supplier or receive required documents from other department etc. After receiving the alert user has to either close the task by updating its completed weightage or reschedule the alert for next possible date.

A separate windows service has been implemented to send the email based alert(s) on the mentioned date to the specified recipients with an accuracy of milliseconds.

- **Submittal Management System – Advanced Vision**

Tools:

C# .NET, SQL Server 2005, DotNetBar, Crystal Reports XI

Details:

It is a Management Information System that has been designed to maintain and manage the Material Submittals. It generates detailed reports about different entities of a submittal.

It provided Office 2007 Ribbon UI with custom color selection.

- **Project Deliverables Manger – Advanced Vision**

Tools:

C# .NET 4.0, SQLite 3.0

Details:

It has been built to facilitate the generation of Operation & Maintenance (O&M) manuals and other project deliverables. Different projects have different sections based on the Clients requirement. Some sections have to be prepared by the project site team while some others have to be completed by O&M team at head office. It provides incremental updating of data (up to seven nested sub sections) and creating the change package for documents as well as database for distribution to the other locations.

- **Automatic Test Manager (ATM) – Powersoft19**

Tools:

C# .NET, VC6, WIN32 API, HTML, NSIS, NI TestStand

Details:

ATM is a state of art system that is used to automate the testing of *Unity* product line of [Cattron Group International](#) (Sharpsville-PA, USA). It is a testing system that mainly uses the [Data Acquisition Cards](#) (DAQ Cards) to test a product. The output of a test execution is a web based report that displays the PASS as well as FAIL test cases along with the hardware feedback. It automates the manual testing procedure from 26 hours to 2.5 hours with extreme accuracy & better presentation of the results.

- **Invoice & Quotation Reporting System – Digital Links**

Tools:

C# .NET, MySQL 5.0, Crystal Reports (IX & XI)

Details:

It is an in-house application that assists Digital Link employees to manage the process of invoice and quotation generation as well as allowing the senior management to monitor the progress of their teams.

- **Inventory System of Jamil Shoe Company - RSS**

Tools:

C# .NET, MS SQL Server 2000, Crystal Reports IX

Details:

It is an Inventory Control System managing accounts and inventory. Deployed at Jamil Shoe Company, Shah Aalam Market, Lahore.

- **Stock & Account Management System (SAMS) - RSS**

Tools:

C# .NET, MS SQL Server 2000, Crystal Reports IX

Details:

It is a Point of Sale System. It also manages stock, sale and account. It has been deployed at four branches of Sheikh Anayat and Sons, Beiden Road, Lahore.

- **Activity Management System for Civil Aviation Authority, Allama Iqbal International Airport Lahore - RSS**

Tools:

C# .NET, MS SQL Server 2000, Crystal Reports IX

Details:

It provides a reporting system for faults and activities along with a LAN based mailing service. It has also been deployed at RSS to manage in-house activities.

EDUCATION

- **Postgraduate Diploma in Business Studies**
Virtual University of Pakistan. [<http://vu.edu.pk>]
Division: 1st, Year: 2015
- **Bachelors of Science in Computer Engineering**
University of Engineering and Technology, Lahore. Pakistan. [<http://uet.edu.pk>]
Division: 1st, Year: 2007
- **Higher Secondary School Certificate (Pre-Engineering)**
Pakistan International School, Jeddah. Saudi Arabia. [<http://www.pisj.sch.sa>]
Division: 1st, Year: 2003

FINAL YEAR PROJECT

eCR (Electronic Campus Record) for CS & E Department, UET Lahore.

Tools:

VC# .NET, ASP.NET, AJAX, Infrajistic Tools, MS SQL Server 2000

Details:

Managing resources and faculty in an efficient way has never been an easy task. The product provides two major services, Intelligent Timetable Scheduling and Resource Management. It manages a lot of processes ranging from the registration of student to allotment of courses, exams and sessional marks management, distribution of labs and rooms etc. The web based Activity Management System has also been incorporated in it.

ACADEMIC PROJECTS

General

- **Common Audio Algorithm**
Developed in C#.NET using Matlab
- **Emulator (C++ to Assembly Translator With Runtime System Description)**
Developed in C#.NET

Robotics & Microcontrollers

- **ASRAR (Automatic Speaker Recognizing Assistant Robot)**
Developed in C#.NET, PIC Microcontroller (Prize winner at RoboComp, CSE Department, UET Lahore.)
- **TCF (Temperature Controlled Fan)**
Developed in C, using ATML 89C51
- **Boot Loader (Boot Loader For PIC Microcontroller)**
Developed in C, using PIC 16F877A

Database Management Systems

- **eCONF (Online Conference System)**
Developed in ASP.NET using ORACLE 10g
- **CALMS (Computer Assisted Library Management System)**
Developed in ASP.NET using MS SQL Server

Gamming

- **HangMan, The Guess Word Game**
Developed in C++ and then in C#.NET
- **Guess Number Developed in C++**

TECHNICAL WRITING

- Maintain a Technology and Development related blog: <http://techblogs.xyz>
- Maintain Personal Blogs:
Urdu: <http://bhaider.wordpress.com/>
English: <http://bhaider7.wordpress.com/>

EXTRACURRICULAR ACTIVITIES

- Founding Member of [JedMPC](#) (Jeddah Microsoft Professionals Community)
- Member ITEC Committee (CSE Department, UET Lahore)
- Founding Member of Alumni Annual Get-to-Gather (CSE Department, UET Lahore)
- Participant of software competition “Visio Spark 2007” (COMSATS Wah Cantt).
- Member College Proctorial Board (Group Leader)
- Student Editor College Magazine “AL-QALAM”

INTRESTS

Travelling, Photography, Reading, Net Surfing & Searching, **Exploring new Tools & Technology.**

PERSONAL DETAILS

Nationality: Pakistani

Date of Birth: January, 1986

Status: Married

Languages: Arabic (*read & write*), English (*Excellent*), Urdu, Punjabi (*mother tongue*)

IQAMA: Transferable

Driving Licence: Yes (KSA & PK)

REFERENCES

References can be furnished on request.