

# Bilal Haider

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## OBJECTIVE

To work at a challenging position in the organization with an aim to contribute positively towards the achievement of its goals with the best of my potential capabilities.

## SUMMARY

- An experienced team player with excellent technical and leading skills who has the ability to work under pressure and take runtime decisions.
- Can motivate and influence others and can train and mentor subordinates.
- Currently working as System Programmer & Administrator
- 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 Pakistan Engineering Council (PEC)**  
Registration No: Comp/6032

## CERTIFICATION

- **Microsoft Certified Professional**  
70-526: Windows Based Client Development  
Transcript ID: 863344
- **Brainbench Certification in C#**  
Transcript ID: 7504387

## TECHNICAL SKILLS

- **Development Languages**  
C#.NET (1.1&2.0), C, C++, Assembly, Java  
HTML, XML, CSS, Java Scripting, ASP.NET, jQuery, AJAX
- **Data Bases**  
Oracle 10g, MS SQL Server, MySQL (4.0, 5.0)
- **Tools**  
Visual Studio (2003 - 2010), Doxygen, Infragistics Tools, DotNetBar , ComponentOne Studio, Rational Rose, Microsoft Visio, Microsoft Project, Erwin, Install Shield Wizard, NSIS
- **Engineering Tools**  
Auto Cad, National Instrument's TestStand, Matlab, Proteus, Keil, Magic, Electric
- **Operating Systems**  
Windows 98/ME/2000/XP/Vista/7,  
Linux Red Hat 9.0, Ubuntu

## WORK EXPERIENCE

- **Advanced Vision**  
Jan 2009 - Present  
System Programmer and Administrator  
King Abdulaziz Road, Beside NCB, Jeddah, Saudi Arabia  
+966-2-6079434  
[www.visionem.net](http://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](http://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](http://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](http://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](http://www.casoft.org)

## INDUSTRY PROJECTS

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

**Tools:**

VC#.NET, ASP.NET, AJAX, jQuery, MS Access, MS SQL Server 2005, NSIS, DotNetBar

**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. It has a custom auto update feature also. It provides Office 2007 theme with customizable colors.

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

- **Sumbittal Management System – Advanced Vision**

**Tools:**

VC# .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.

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

**Tools:**

VC# .NET, VC6, WIN32 API, HTML, NSIS, 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 an in-house testing system that mainly uses the [Data Acquisition Card](#) (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.

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

**Tools:**

VC# .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:**

VC# .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:**

VC# .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, AllamaIqbal International Airport Lahore - RSS**

**Tools:**

VC# .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

- **Bachelors of Science in Computer Engineering**  
**University of Engineering and Technology, Lahore. Pakistan.**  
Division: 1st, Year: 2007
- **Higher Secondary School Certificate (Pre-Engineering)**  
**Pakistan International School, Jeddah. Saudi Arabia.**  
Division: 1st, Year: 2003

## FINAL YEAR PROJECT

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

#### **Tools:**

VC# .NET, ASP.NET, AJAX, Infracostic 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 PROJECT

### **General**

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

### **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

### **Robotics & Microcontrollers**

- *ASRAR (Automatic Speaker Recognizing Assistant Robot)*  
Developed in C#.NET, PIC Microcontroller Also Used  
(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

### **Gamming**

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

## RESEARCH PAPERS

- Voice Identification : Your Voice Is Your Key
- SCM (Software Configuration Management)
- OCR: Optical Character Recognition
- Concurrent Search For Mobile Users in a Cellular Network  
(at University Level)

## TECHNICAL WRITING

- Maintain a Technology and Development related blog [tech.bilalhaider.com](http://tech.bilalhaider.com)
- Maintain Personal Blogs:
  - Urdu: [urdu.bilalhaider.com](http://urdu.bilalhaider.com)
  - English (new): [blog.bilalhaider.com](http://blog.bilalhaider.com)
  - English: [bhaider7.wordpress.com](http://bhaider7.wordpress.com)

## EXTRACURRICULAR ACTIVITIES

- Member College Proctorial Board (Group Leader)
- Student Editor College Magazine “AL-QALAM”
- Member ITEC Committee (CSE Department, UET Lahore)
- Founding Member of Alumni Annual Function (CSE Department, UET Lahore)
- Participant of software competition “Visio Spark 2007” (COMSATS Wah Cantt).

## INTRESTS

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

## PERSONAL DETAILS

**Father Name:** Iftikhar Ahmed Sheikh

**Nationality:** Pakistani

**Religion:** Islam

**Date of Birth:** January, 1986

**Status:** Single

**Languages:** Arabic, English, Urdu

**IQAMA:** Transferable

**Driving Licence:** Yes

## REFERENCES

References can be provided on request.