

CURRICULUM VITAE

Project Manager, Software Engineer, Programmer, Application Developer,
Computer Science & Information Technology

Personal Info: **Muhammad Adil**

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Objective: To become an Active member of the Dynamic Team of the Organization, Accept challenges, contribute to Organizational goals and further to improve my professional skills and career.

Final Year Project: **Intelligent Spectator System**

We have successfully designed, developed and implemented this project. The main theme of the project was to identify ground objects, detect its motion using **image processing techniques** and localize it for observation. I worked as System Architect, Hardware Interface Designer & Chief Programmer in the project. The project was supported with detailed thesis and is published by the **Scholars' Press** as a book with ISBN# 978-3-639-70801-1 Publication URL : <https://www.scholars-press.com/catalog/details/store/gb/book/978-3-639-70801-1/intelligent-spectator-system>

| Experiences | Organization | LIBRA Pharmaceuticals (Pvt.) Peshawar |
|-------------|-------------------|---|
| | Organization Type | Pharmaceuticals Factory – Medicine Manufacturers |
| | Designation | Group IT Manager |
| | Location | Industrial State Hayatabad Peshawar, Pakistan |
| | Tenure | October 27, 2021 to date |
| | Description | Manage Overall IT Operations for the Group including LIBRA Pharma, CIELWOOD and ARSHEEN companies. Manager and Reports regarding MIS for Sales, Purchase and Production Departments. Managing team of 3 members including IT Engineer, IT Technician, IT Officer and MIS Assistant. Maintain and support various day-to-day operations of SAP Business One ERP, provide user support for the SAP B One, troubleshoot and resolve SAP B One user issues. Work with functional areas / personnel to identify and analyze problems and propose solutions. Creating UDFs, UDTs, UDOs, and FMS as per solution requirement. Develop complex crystal reports & layout for SAP Business one. Upload data using ETL Tools DTS(Data Transfer Workbench) , SSIS , & data load Installation and configuration of business applications based on SAP maintain daily MS SQL SERVER backups and SQL server Tuning, Design, develop, maintain company's websites. URL: https://www.librapharma.pk |

| Experiences: | Organization | AJ Textile Mills Pakistan |
|--------------|-------------------|---|
| | Organization Type | Spinning Mills – Yarn Weaving Production |
| | Designation | SAP Software Developer |
| | Location | Peshawar, Pakistan |
| | Tenure | March 01, 2019 to October 26, 2021 (02 Years, 08 Months) |
| | Description | Manage, maintain and support various day-to-day operations of SAP Business One ERP, Provide user support for the SAP B One, troubleshoot and resolve SAP B One user issues. Work with functional areas / personnel to identify and analyze problems and propose solutions. Creating UDFs, UDTs, UDOs, and FMS as per solution requirement. Develop complex crystal reports & layout for SAP Business one. Upload data using ETL Tools DTS(Data Transfer Workbench) , SSIS , & data load Installation and configuration of business applications based on SAP maintain daily MS SQL SERVER backups and SQL server Tuning, complex store procedure, T-SQL Queries, Function, and Triggers in SQL Server. Assisting users regarding screen and menu development to streamline their process flow, Conducting training for users on SAP functionality Setting of user authorizations, user defaults, license management, Setting up SQL Server reporting service Design & develop a custom business intelligence dashboard in asp.net. Maintaining other DBA task such as Installation, administration and maintenance of SQL Server instances. Design ,develop, maintain websites of Aziz group of industries Design ,develop, maintain websites of honorary consulate of republic of South Korea in Peshawar URL: http://www.azizgrp.com . |

| Organization | Media Center Pakistan |
|-------------------|---|
| Organization Type | Media Development Organization / Services Provider |
| Designation | IT Officer |
| Location | Peshawar, Pakistan |
| Tenure | November 01, 2018 to April 11, 2019 (0 Years, 05 Months & 11 Days) |
| Description | Looking after overall IT infrastructure, Develop & Maintain IT Applications, Design & Develop Organizational Website & Maintain it on regular basis. Deliver IT Trainings to partner organizations, Assis technical & security capacities of partners & mentor them to develop their IT policies. URL: http://www.mediacenterpk.org/ |

| Organization | Internews Network, Pakistan |
|-------------------|--------------------------------|
| Organization Type | Media Development Organization |

Designation Manager ICT & Data Journalism
Location Islamabad, Pakistan
Tenure October 01, 2016 to April 30, 2018 (2 Years & 29 Days)
Description Manage Data Journalism Project by Organizing Trainings, International Tours, Training Module Development, and Provide technical support to participant Individuals, CSOs and Tech: Communities, Organize Open Data Conference/Seminar on Data Journalism also worked as Co-Trainer in Data journalism to cover the technical aspects, Data Scraping Tools, Excel Analysis, Infographics and visualization Creations tools. Website development and maintenance for project.
 URL: <http://www.datajournalismpakistan.org/>

Organization **Internews Network, Pakistan**
Organization Type Media Development Organization
Designation Manager ICT & Technical Support
Location Islamabad, Pakistan
Tenure November 01, 2014 to September 30, 2016 (01 Year & 11 Months)
Description Overall IT and communication technology management including in-house servers, CCTV Systems, Fire alarm and Smoke Detection systems, Telephone Exchange and Fax. Remote Conferencing, Managing Radio Production and TV Production Studios. Establishment of Radio Production Facilities in different public sector Universities. Managed team of five IT Personals possessing divers skills, language and spread geographically.

Organization **Internews Network, Pakistan**
Organization Type Media Development Organization
Designation IT Support & Technical Coordinator
Location Islamabad, Pakistan
Tenure April 01, 2014 to October 31, 2014 (07 Months & 01 Day)
Description Contributed as key technical person to the project of Audio Restoration, Preservation and Achieving of Analog Historic tapes into digital format for Pakistan Broadcast Corporation PBC. Designed, Developed mechanism of Audio and Artifacts digitization, deploy webserver and designed mechanism for archiving and indexing in CA software.

Organization **Internews Network, Pakistan**
Organization Type Media Development Organization
Designation Senior IT Officer & Acting ICT Manager
Location Islamabad, Pakistan
Tenure December 01, 2011 to March 31, 2014 (02 Years & 04 Months)
Description Providing support to Staff, Field offices and Partner organizations. Organized and delivered IT and broadcasting trainings to more than 50 organizations including press clubs, public sector universities and radio stations. Responsibilities included IT Helpdesk, IT Equipment Advisor, IT Equipment Procurement, Website Administrator, Database Designing and Maintenance, Network Administration, Software Designing, Web Development and Designing and IT Trainer.

Organization **Internews Network, Pakistan**
Organization Type Media Development Organization
Designation IT Officer
Location Islamabad, Pakistan
Tenure December 02, 2009 to December 31, 2011 (02 Years & 29 Days)
Description This was first appointment with Internews. I developed and deployed computer network by migrating from workgroup to domain based. Procured, configured and deployed in-house server with windows server 12 designed user's IT policies deployed network printing, scanning and faxing facilities. Installed security camera surveillance with three field office and configured incremental backup of the recorded video stream to centralized server. Redesigned office telephone exchange with patch panels and drop leads. Developed a ticketing system for field office to report IT related problems and get them fixed efficiently. Provided technical support to staff and field offices.

Organization **University of Engineering and Technology**
Organization Type Education
Designation Software Developer/Programmer (*Volunteer*)
Location Khyber Pakhtunkhwa Peshawar, Pakistan
Tenure January 2009 to June 2009
Description I designed and implemented different projects assigned by computer cell (computer society) at UET Peshawar. I was part of the projects including Online Library System, Online course evaluation system and teachers' evaluation system. Also designed and developed Quality Enhancement Cell's website.

Projects:

Company **Internews Network**
Title Right to Information (RTI) Pakistan – Website
Role Designer, Developer & Programmer
Tenure August 07, 2017 to date
Description A website for the project to publish information related to the Right to Information – RTI and Freedom of Information FOI Laws done by the partner organizations and journalists trained under this project. It also provide useful resources of learning for journalists.
 URL: <http://rtipakistan.org/>

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| Company | Internews Network |
| Title | Data Journalism Program (DJCP) Pakistan – Website |
| Role | Designer, Developer & Programmer |
| Tenure | October 07, 2016 to date |
| Description | An online platform for the trainees and data journalists to showcase their data stories produced during and after completion of data journalism training series. URL: http://datajournalismpakistan.org/ |
| Company | Internews Network |
| Title | Small Media Project (SMP) Pakistan – Website |
| Role | Designer, Developer & Programmer |
| Tenure | October 10, 2016 to date |
| Description | Official website designed and developed for the small media grants project of Internews. This website hosts all the published stories done by the partner organizations, their profiles and news updates. URL: http://smppakistan.org/ |
| Company | Internews Network |
| Title | CMS (Complaints Management System) |
| Role | Designer, Developer & Programmer |
| Tenure | January, 2011 To June, 2011 |
| Description | In this online application, Users register their complaints & the report is automatically sent via email to the Manager, the manager assigns Officer and again this action is notified via email to Officer and to Complainant automatically. After officer resolves issue, he/she updates status on the system & again this is notified to manager & to complainant and ticket status is closed automatically. All the record is stored automatically on online database; monthly reports of different aspects can be generated in HTML and PDF format. System is developed using MY SQL Server, XAMP Server, PHP 5, JQuery, Dreamviewer, Photoshop CS and hosted on our local Server with Windows Server 2012. |
| Company | Safe As Beans |
| Title | Client Orders Management Systems |
| Role | Designer, Developer & Programmer |
| Tenure | September, 2008 To October, 2008 |
| Description | This database system is being developed in the Java Servlets, SQL Server that manages the Client's registration and hiring the security for their business. Payment gateways were integrated for auto billing. |
| Company | Hydro Tech Pak. (Ltd) |
| Title | Hydro Tech Accounts |
| Role | Software Engineer & Programmer |
| Tenure | July, 2008 To August, 2008 |
| Description | Designed, developed and deployed accounting system for Hydro Tech Pak. (Ltd) that keep track of the users and manages all the aspects of accounting, capable of generating reports like Monthly Salary Bills, Monthly Expenditures, Monthly Trial Balance, Balance Sheets, Pay slips, Employees Lists and so on. This system is being developed in SQL, VB.Net and Crystal Reports 10. |
| Company | University of Engineering & Technology |
| Title | Computerization of the HEC Standardized Proforma |
| Role | Designer, Developer, Programmer |
| Tenure | January, 2008 To September, 2009 |
| Description | Successfully completed the Project Titled "Computerization of the HEC Standardized Proforma and made them available Online. This is a web based application being developed in PHP & MySql with IIS-7 Server. |
| Company | University of Engineering & Technology |
| Title | Website for the Quality Enhancement Cell |
| Role | Webmaster & Developer |
| Tenure | January, 2008 To February, 2008 |
| Description | Website for the Quality Enhancement Cell, UET Peshawar Designed the graphical user interface, Designed Monogram and Implementation; from the scratch; in HTML pages. URL: http://www.nwfpuet.edu.pk/qec System is being developed in Photoshop, Dreamviewer, CSS and HTML. |
| Company | SoSafe Water Technology |
| Title | Inventory Control System |
| Role | Software Engineer & Programmer |
| Tenure | April, 2007 To May, 2007 |

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| Description | Inventory Control System; for SoSafe Water Technology Khyber Pakhtunkhwa Peshawar for the daily sales, expenses, store maintenance, orders management and related reports in different formats. Tools used in the project were SQL Server 2005, VB.Net Crystal Reports 10. |
| Company | Ministry of Environment Government of Pakistan |
| Title | Dynamic Web Site for the Ministry of Environment Government of Pakistan |
| Role | Webmaster, Developer & Designer |
| Tenure | August, 2006 To December, 2006 |
| Description | Dynamic Web Site for the Ministry of Environment Government of Pakistan that maintain the Users, Online Site Management, News Archive, Gallery and Events Management System. Currently the site is down as ministry couldn't maintained and domain expired. URL: http://www.ncs-nsds.gov.pk The web application is being developed in PHP 5, MySQL, SQL Workbench, Dreamviewer, Ajax (jQuery) Apache Web Server. |

Skill(s): *Web Development & Administration*

Can Design and Develop any kind of static and dynamic Web Site: Skilled Tools are; Laravel PHP Framework, Blade Templating Engine, HTML, Cascading Style Sheets, Photoshop CC, PHP with OOP.

Programming Languages

Have sound knowledge of the programming languages listed below;
C/C++, Java J2SE, ASP.Net, VisualBasic.Net, C#.Net, PHP, CSS

Computer Networking

I have hand on experience in designing and implementation of computer networks including domain based networks. I've skills to configure different servers like FTP, Print Server, File Server and Web Servers. I can work excellent on preparing different cables for networking. I have sufficient skills for debugging and administration of a Local Area Network. Have hands on expertise in network monitoring and troubleshooting.

Databases:

Have practical experience of designing Stand-alone and distributed databases management systems and have expertise in the databases including SQL Server, MySQL, MS Access, SQLite and Oracle (Beginners Level)

Web Servers

Have practical experience of working knowledge of the web servers namely IIS (Internet Information Services), Apache Tomcat, XAMP and VAMP.

Operating Systems

I can work excellent with the Windows Servers, Windows Xp, Windows 10, Linux, Fedora, MacOS and iOS.

Graphics & Designing

Can Design All Kind of Graphics, Photo Editing, Finishing, Monograms, Litter Heads, Visiting Cards, Add, Sign Boards and Web Graphics using Photoshop CC, Ulead Video Studio, Adobe Premier Pro, Microsoft Visio, Corel Graphics Suite.

Studio Designing & Installation

Practical work experience of audio and video studio designing and installation. Practically installed equipment like Computer Systems, Audio Mixers, Telephone Hybrids, Microphones, Headphones, Headphone Distribution Amplifiers, Sound Systems, Audio Monitors in more than fifty organizations and can work on Adobe Audition for audio editing and mixing.

G.I.S Mapping

Have hands on expertise in GIS Mapping, FM station's coverage and propagation maps and prepared different kind of maps using ArcGIS 9 and Radio Soft's software called Radio Mobile.

Education:

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| Degree Name | BS Computer Science (Hons) |
| Level Attained | Bachelors Degree (4 Years) |
| CGPA | 3.10 (Grade A / 1st Division) |
| Institute | NWFP University of Engineering and Technology Peshawar |
| Address | Peshawar, Pakistan |
| Session | September 25, 2005 – July 10, 2009 |
| Majors | Computer Programming, Software Eng I & II, Financial Management, Financial Accounting, Computer Organization & Assembly, Computer Architecture, Modern Programming Languages, OOP, Advance OOP, Computer Networking, DBMS, Distributed DBMS, Visual Programming, Artificial Intelligence, |

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| | Compiler Construction, Communication Skills, Web Programming, Analysis of Algorithms, Statistics & Probability, Discrete Mathematics, Integral Calculus, Relational Algebra, Digital Logic & Design, etc |
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| Degree Name | Project Based Microcontroller |
| Level Attained | Certificate |
| Marks (%) | 78.00 |
| Institute | Benchmark Education Academy, Peshawar |
| Duration | 2 Months (April 4, 09 to May 30, 09) |
| Session | 2009 |
| Majors | Training with Trainer kit along with Practical work in workshop to work on different projects. |

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| Degree Name | PHP Programming |
| Level Attained | Certificate |
| Marks (%) | 94.00 |
| Institute | Benchmark Education Academy, Peshawar |
| Duration | 2 Months (July 01, 09 to Aug 31, 09) |
| Session | 2009 |
| Majors | Basic syntax of php, manipulating databases with php, OOP with php and a Practical project (dynamic web site) using php in last week. |

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| Degree Name | Basic Computer Programming |
| Level Attained | Certification |
| Aggregate % | 95.00 |
| Institute | DAWN COLLEGE OF COMPUTER SCIENCES |
| Address | Mingora Swat, Pakistan |
| Session | 2005 - 2005 |
| Majors | Basic Computer Programming Data Base Management System Access 97 (Access XP 2003) Visual Basic Programming (Database) |

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| Degree Name | F.Sc (Pre Engineering) |
| Level Attained | High School / A Levels (12 Years) |
| Aggregate % | 66.00 (725/1100) |
| Institute | Government Degree College Mingora |
| Address | Mingora Swat, Pakistan |
| Session | 2003 - 2004 |
| Majors | Mathematics, Chemistry, Physics, English Compulsory, Urdu Compulsory, Islamic Studies, Pakistan Studies etc |

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| Degree Name | ADCS (Advance Diploma in Computer Science) |
| Level Attained | Diploma |
| Aggregate % | 85.00 |
| Institute | THE JANAS KHAN INSTITUTE OF SKILLS |
| Address | Mingora Swat, Pakistan |
| Session | 2001 - 2003 |
| Majors | Fundamentals of Computer Concepts Fundamentals of Computer Hardware MS Word 2000 MS Excel 2000 MS Power Point 2000 MS Dos 6.22 Print Artist Page Mac (Urdu / English) Corel Draw 5, 8 Computer Assembling Software Installation Trouble Shooting |

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| Degree Name | S.S.C (Science) |
| Level Attained | Matriculation / O levels |
| Aggregate % | 80.00 (680/850) |
| Institute | Government High School Wadudia |
| Address | Saidu Sharif Swat, Pakistan |
| Session | 2001 - 2002 |
| Majors | Mathematics, Physics, Chemistry, Biology, English, Urdu, Islamic Studies, Pakistan Studies etc |

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| Degree Name | Applied Electricity |
| Level Attained | Certification |
| Aggregate % | 100.00 |
| Institute | Government High School Wadudia Saidu Sharif |
| Address | Saidu Sharif Swat, Pakistan |
| Session | 2000 - 2001 |
| Majors | Basics of Electrical Circuits, Practical Circuits, Projects (Designing Different Circuits), Wiring in a Building, Introduction to Electrical Components (Wires, Switches, Fuses, Plugs, Sockets etc). Can troubleshoot any indoor electricity problems, Have experience on both 2phase and 3phase supply. |

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| Degree Name | First AID Training |
|--------------------|---------------------------|

Level Attained *Certification*
Institute *Internews Network Pakistan*
Address *F-8/3, Islamabad*
Dated *July 2010*

Degree Name **Broadcast Technician Training**
Level Attained *Certification*
Institute *Internews Network Pakistan*
Address *F-8/3, Islamabad*
Dated *August 02, 2010 to August 06, 2010*
Majors Studios Designing, Radio Broadcasting, Satellite Communications, Satellite Radio Transmission, Studio Networking, FM, AM Broadcasting, Studio Cabling, Preparing Connectors etc

Degree Name **G.I.S Training**
Level Attained *2 Week Training*
Institute *Internews Network Pakistan*
Address *F-8/3, Islamabad*
Dated *February 21, 2011 to March 07, 2011*
Majors GIS Mapping, FM station's coverage and preparing different kind of maps using ArcGIS 9 and Radio Mobile softwares.

Degree Name **Social Media Tools (workshop)**
Level Attained *2 Days Workshop*
Institute *Internews Network Pakistan*
Address *F-8/3, Islamabad*
Dated *Feb 1, 2012 to Feb 2, 2012*
Majors Blogs, Facebook, IVR Freefone, Twitter, Citizens Journalism & Video Production, Reporting, Online Journalism and Content Production and Publishing, Web development, FrontlineSMS polls and live feedback using sms and IVRs.

References:

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