

# MUHAMMED ALI AKHTAR

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## O B J E C T I V E

To obtain an Optimum position in a well-established organization and will always lead there as a successful employer.

## A R E A O F I N T E R E S T

- Research & Development with Teaching.
- Software, programming and Database courses are my favorite areas

## P R O F E S S I O N A L E X P E R I E N C E

NED University	Lecturer (BPS-18)	June 2016-Onwards
○ Teaching Undergraduate and post graduate students & also leading their FYPS as internal.		
Aga Khan Hospital	Programmer Analyst	November 2014-June 2016
○ Software Development, customization, Testing & Support.(Including Software Project Team Management)		
○ Database Development & Administration.		
Tabba Heart Hospital	System Analyst (Software)	Nov 2013-Nov 2014
○ Software & Database Designing with Development (As Team Lead), Testing & Deployment		
○ Requirement Gathering, Training to end users along with all software Documentation.		
NED University	IT Manager (J.S) Software	June 2012-September2013
○ Website & Software Development. Management of Networking, Hardware & software resources for City Campus of NED University of Engineering And technology		
Geo T.V. Networks	JR Software Programmer	May 2011-June 2012
○ Web and windows application's customization and development		
COMSTAR	Assistant Software developer	Jan2011-May 2011
○ SAAS(software As A Service) Developer for windows & web Applications.		
CDGK.	Internee	June2010-Aug2010
○ Website Management and system administration.		

## FINAL YEAR PROJECT

### AUTO-TRADERS E-COMMERCE DISTRIBUTED DATABASE APPLICATION

Project summary	<ul style="list-style-type: none"> <li>○ Implemented a distributed database using oracle 10g.</li> <li>○ We implement three tier architecture i.e. client, Application server &amp; Database server.</li> </ul>
Role	Group leader
Tools	Visual studio 2010, Oracle 10g, Oracle client 11g, Corel, Sothing Dhtml menu 9.

## PROFESSIONAL QUALIFICATION

M.E COMPUTER SYSTEMS	NED UNIVERSITY	2014	3.46 GPA
B.E COMPUTER SYSTEMS	NED UNIVERSITY	2011	3.7 GPA
INTERMEDIATE	DEHLI COLLEGE	2006	72.27%
MATRICULATION	SMS AGA KHAN SCHOOL	2004	81%

## PROFESSIONAL PROJECTS

- Worked on CDNS (Comstar Digital Nervous System) a paperless company flow project.
- Worked on Travel module of Admin portal of geo TV network.
- Worked on complain module of Admin portal of GEO TV network(crystal reports and their forms)
- Developed ordering module of Kaisa hoga 2012(Online magazine ordering system)
- Developed registration and setup forms of Send Messages System of Geo T.V (SMS System)
- Developed Geo Store Management system.
- Web development and customization of City Campus NED University Karachi.
- Development, Testing & Maintenance of Blood Bank, stores & PANACEA a Hospital information system Running in Tabba heart hospital.
- Development testing and end User support of Blood bank system according to the requirement of JCIA & CAP in Aga Khan University Hospital.
- Development of Stem Cell Bank System in Aga Khan University Hospital
- OBE(Outcome Based Evaluation System) for NED UET as per requirement of Pakistan Engineering council for meeting all International OBE System's standards.

## COURSES TAUGHT

- Database Management System, Software Engineering, Computer Networks, Data structures, Artificial Intelligence and Introduction to computers.
- Data structures and Databases, Advance Analysis and Algorithms, Advance Database management system courses in Post graduate Programs.

## C O M P U T E R   S K I L L S

- Programming in C, C#, VB.net, HTML, CSS, ASP.NET.
- Creating crystal reports on crystal report 9 & 10.
- Web Designing in FrontPage, ASP.net
- Graphics Designing in Flash, Photoshop, Corel.
- MS OFFICE (Word, PowerPoint, Excel, Access, Visio).

## P U B L I C A T I O N S

1. Speech Feature Selection of Normal and Autistic children using Filter and Wrapper Approach.  
IJCSNS International Journal of Computer Science and Network Security, VOL.21 No.5, May 2021.  
[http://ijcsns.org/07\\_book/2021\\_05.htm](http://ijcsns.org/07_book/2021_05.htm)
2. Virtual Reality in Gymnasium: Stationary bike using Hall-Effect Sensor and Bluetooth BLE, VOL.22 No.5, May 2022.  
[http://ijcsns.org/07\\_book/html/202205/202205082.html](http://ijcsns.org/07_book/html/202205/202205082.html)

## T R A I N I N G S   O R   W O R K S H O P S

- MATLAB training from NED at 2009.
  - Operating system Linux training from NED at 2010.
  - Project Management Training in AUC Technologies at 2016
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