

**DALJEET SINGH MATHARU**  
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## WORK OBJECTIVE

To work in a dynamic & reputed organization, which can utilize the inherent talent of the incumbent to the maximum. Looking for a challenging, diverse and dynamic job, with good amount of openness.

## PROFESSIONAL SUMMARY

Working in the field of Teaching for the last 14 years.

## EXPERIENCE SUMMARY:

- Serving as regular Assistant Professor in School of IT at Apeejay Institute of Management Technical Campus, Jalandhar since 23<sup>rd</sup> January 2006.
- Served as a Lecturer in Computer Science and IT at Lyallpur Khalsa College, Jalandhar from July 2004 to 21<sup>st</sup> Jan 2006.
- Served as a Lecturer in Computer Science and Applications at G.H.G. Khalsa College, Gurusar Sadhar (Ludhiana) for 2 years (2002-04).

## TECHNICAL SUMMARY

**Skill set:** Java (Core and Advance), PHP

**Operating Systems:** Windows (98/XP/7/8/10), MS-DOS/ Linux/Ubuntu

**E-Commerce:** PHP, HTML, CSS, JavaScript, jQuery, AJAX

**Programming Languages:** C/C++, Java, VB

**RDBMS:** MySQL, Oracle8 (SQL & PL/SQL), Oracle9i, MS SQL Server

**Exposures:** XML, XSLT, XML DTD, XML Schema, XML DOM

**Java Technologies:** JDBC, Swings, Servlets, RMI, Network Programming, JSP, J2EE

**Web Servers:** Apache Tomcat, WAMP, XAMP, IIS, PWS

**Microsoft Technologies:** ActiveX, ADO, OO4O, COM/DCOM

## EDUCATIONAL SUMMARY:

Qualification	College/School/Dept.	Board/University	Year of Passing	Marks Obtained	Total Marks	Percentage	Division
Ph.D. in Computer Applications	Dept. of Research, Innovation and Consultancy	IKG-PTU, Kapurthala	In the area of Network Security (Regd. No: 1214028)			Pursuing	<i>Enrolled in June 2012</i>
MCA	Dept. of Comp. Sc. & Engg., Pbi. Univ. Campus	Pbi Univ, Patiala	2002	2539	3400	74.7	<i>First (In Merit)</i>
M. A. (Economics)	Dept. of Economics, Pbi. Univ. Campus	Pbi Univ, Patiala	1998	536	800	67	<i>First Position in University</i>

<b>B. Ed.</b>	DM College, Moga	Pb Univ, Chandigarh	1996	527	800	66	<i>First</i>
<b>B. A. (Maths, Econ, Pol.Sc.)</b>	SD College, Barnala	Pbi Univ, Patiala	1995	1350	2700	50	<i>Second</i>
<b>10+2<sup>th</sup></b>	GSSS, Mehal Kalan	P.S.E.B., Mohali	1992	196	450	44	<i>Third</i>
<b>10<sup>th</sup></b>	GSSS, Mehal Kalan	P.S.E.B., Mohali	1990	458	800	58	<i>Second</i>

#### ACHIEVEMENTS:

- **Qualified UGC-NET** in *Computer Science and Applications* conducted by CBSE, New Delhi in December 2014.
- Earned the title **IBM DB2 Academic Associate: DB2 Database & Application Fundamentals** held on February 08, 2013 at APJIMTC, Jalandhar.
- Won **Gold Medal** in *M.A. (Economics)* from Punjabi University, Patiala.
- **U.G.C. Scholarship** during 1997-98 in *M.A. (Economics)*.

#### SUBJECTS TAUGHT (to name a few):

Java Programming, System Programming, E-Commerce and Web Application Development, Artificial Intelligence, PROLOG, Relational Database Management System, Operating Systems, Computer System Architecture

#### JOB RESPONSIBILITIES PERFORMED:

- **Cultural Coordinator** at APJIMTC, Jalandhar since 2009.
- Member *Training and Placement Committee* since 2008.
- Member *Entrepreneurship Development Cell (EDC)* since 2013.
- Member *Information Brochure Committee* since 2010.
- In-charge *Inter College* Competitions participation by College Students

#### CONFERENCES (National/International):

Title/Conference Name/Venue/Date	API Score
Presented a paper titled "Hashing in Routing" at National Conference on <i>Advances in Computer Science</i> , Organized by GNA University, Phagwara on April 09, 2016.	<b>7.5</b>
Presented a paper Titled "3G Technology and Beyond" at AICTE sponsored National Conference on "Business Innovations", Organized by Apeejay Institute of Management, Jalandhar on February 27, 2010.	<b>7.5</b>
Presented a Paper Titled "The software industry in India with special stress on India's Economic Development" at Second International Conference on Management (April 29-30, 2006) under the aegis of CII TDB TNET Centre, Brand India: Issues Challenges, and opportunities.	<b>10</b>
Presented a Paper Titled "Intelligent User Interface" at AICTE sponsored National Conference on Innovative Applications of IT and Management for Economic Growth of India, Organized by Apeejay Institute of Management, Jalandhar on April 21-22, 2006.	<b>7.5</b>

Presented a Paper Titled “Mobile generations” at UGC sponsored National conference on emerging computer technologies organized by H.M.V. Jalandhar on September 29-30, 2005.	7.5
Attended UGC sponsored National Conference on Knowledge Management organized by P.G. Department of Commerce and Business Administration, Lyallpur Khalsa College, Jalandhar on Dec 4-5, 2004.	7.5

#### **SEMINARS (National):**

Title/Seminar Name/Venue/Date	API Score
Presented a Paper Titled “Role of java in object oriented petrinets” at AICTE sponsored National Seminar on Enterprise Information Systems”, Organized by Apeejay Institute of Management, Jalandhar on May 24,2008.	5
Presented a paper titled “Edusat-A flight towards new zenith & horizons” at National Seminar on ‘E-Contents on EDUSAT’ held at D.A.V. College, Jalandhar on Feb 4-5, 2005.	5
Attended a National level Seminar on “Challenges before Higher Education in the 21st century” held at G.H.G. Khalsa College, Gurusar Sadhar (Ldh.) on Mar 14,2003.	

#### **FACULTY DEVELOPMENT PROGRAMME (FDP)**

Title/ FDP Name/Venue/Date	API Score
Attended PTU Sponsored three day Faculty Development Programme (FDP) cum workshop on “IBM DB2” held at APJIMTC, Jalandhar on December 17-19, 2012. Further qualified online exam and earned the title <i>IBM DB2 Academic Associate: DB2 Database &amp; Application Fundamentals</i> held on February 08, 2013 at APJIMTC, Jalandhar.	
Attended PTU Sponsored five day Faculty Development Programme (FDP) cum workshop on “Optical, Wireless Systems & Networks” held at CTIEMT, Jalandhar on May 28 to June 1, 2012.	10
Attended PTU Sponsored five day Faculty Development Programme (FDP) cum workshop on “Digital Image Processing and Application in Pattern Recognition” held at APJIM, Jalandhar on 25-29 July, 2011.	10
Attended PTU Sponsored five day Faculty Development Programme (FDP) cum workshop on “Computer Networks” held at LPU, Phagwara on 12-16 July, 2010.	10

#### **BOOK(S)**

Title/ FDP Name/Venue/Date	API Score
Java Programming Published by Bindra Publications, Jalandhar for BCA Students	

#### **MAJOR PROJECTS UNDERTAKEN**

##### **1. EMPLOYEE SKILL FRAMEWORK**

This application maintains different processes, skills, rating of skills of the employees, peers and their managers, mapping of skills to processes and employees, authentication, dynamic report generation and user management.

This application provides a questionnaire framework for the employees to capture their skills. Facilitate the management to assess skills of employees and utilize them to the maximum. Provides an MIS to facilitate the management for determining training needs, employees' effectiveness etc.

**Technology Used:** EJB 1.1, Servlets, JSP, JavaScript, HTML/DHTML.

**Server:** WebSphere 4.0

**Database:** Oracle 8i

**Responsibilities:** Key responsibilities includes requirement gathering from the client, prepare project definition report, find different development components, develop, deploy, test, and integrate and implement with the existing system. Reporting to seniors and co-ordination among client and team members.

## 2. MANAGEMENT INFORMATION SYSTEM

**Company:** Essel Technologies, New Delhi.

**Client:** Gorgeous Self Care Products Limited, Mumbai

**Duration:** 6 Months

**Development Platform:** VB 6.0 with MS SQL Server

**Responsibilities:** Entire coding & testing

**Description:** This MIS software deals with a variety of products coming from a number of customers. The stock of the product is maintained purchases and sales are analyzed, added and subtracted. Customers and suppliers details are kept in the database. This solution is able to give us the current stock positions for items and all other management useful reports. Developed one data binding activeX control just to navigate through records. We developed various business rules and deployed Com through MTS.

### UTILITIES DEVELOPED:

#### 1. Phone Diary

**Language Used:** C++

#### 2. DforShutDown

**Tools:** VB6.0, Windows API

**Description:** You can Shutdown, Restart and Log Off your PC using this application.

### PROJECTS GUIDED (Major/Minor):

Approximately 50 Major Projects for MCA-6<sup>th</sup> Semester Students and 30 Minor Projects for MCA-3<sup>rd</sup> Semester Students developed in different languages and Back ends.

### PERSONAL SUMMARY:

**Father's Name:** Sh. Hardev Singh

**Date of Birth:** 10<sup>th</sup> Dec 1978.

**Nationality:** INDIAN

**Hobbies:** Listening music, Singing and Net surfing

**Asset:** Ability to work in a team and lead the team as well

**Permanent Address:** H. No: 44, New Raja Garden Ext, Mithapur Road, Jalandhar, Punjab- 144003

**(Daljeet Singh Matharu)**