



# Manoj Kumar

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## ABOUT

### Key Skills



An enthusiastic Designer/Developer/IT Trainer who strives to create applications as well as the professional life of my students. I am always ready to learn technologies to enhance my knowledge. Tech-savvy, versatile and self-directed Technology Teacher with 18 years of experience in the field of education. Highly adept in providing professional development integrating technology into existing curriculum and creating new lesson plans to encompass technology in all classrooms. Excellent organizational and team building skills distinguished by commended performance and proven results.

## PROFESSIONAL SUMMARY

- Working as Head of Department in Information Technology since February 2003 at Lally Infosys.
- Worked as Faculty in About Us Incorporates from August 2000 till 02 February 2003.

## TECHNICAL SKILLS

- KNOWLEDGE OF INTEGRATED DEVELOPMENT ENVIRONMENT FOR JAVA** (Eclipse, Net Beans 10, IntelliJ Idea, BlueJ, Android Studio, Developer etc...)
- JAVA (J2SE JAVA 2 STANDARD EDITION)**
- Core concepts, AWT, SWING, Multithreading, RMI, Sockets, JDBC, IO Mgt, Packages, Jar,

**KNOWN J2SE KEY FEATURES** LIKE JDK9 (JSHELL Immutable List, Set, Map and Map.Entry, Module System, Try with Resource Mgt etc.), 10 (Local-Variable Type Inference, Class Data Sharing, Parallel Full GC, Additional Unicode Language, Thread Local Handshakes etc.) 11 (Java file with single Command, new String methods, Scalability and New Flight Recorder).

- JAVA (J2EE JAVA 2 ENTERPRISE EDITION)**

Servlets, JSP (Java Server Pages), JSTL, Java Beans, EJB, Java Persistence, Entity Model using PQL Commands, Java Filters, JSF (Java Server Faces), JavaMail, JBoss Seam, JavaEE Connector Architecture, SOA with Java Services, Struts Framework, Spring Framework, Hibernate (HQL)).

### Soft Skills



<b>.NET Technologies</b>	.NET 4.5/4.0/3.5/3.0, MVC 4.0/3.0, C# , ASP.NET,ASP.NET MVC, ASP.NET Core, VB.NET, ASP.NET Core
<b>Development Tools</b>	Visual Studio 2015/2017,ADO.NET, SQL Server Management Studio, SSIS, SSRS, Crystal Reports, Python using Visual Studio for dJango, Flask, Core Services for python
<b>Languages</b>	C# , VB.NET, WCF, WPF, Bootstrap, JavaScript, Angular JS, JQuery, HTML, LINQ, XML,XAML, AJAX, Web API,REST API, WSDL, Python
<b>Databases</b>	SQL Server 2012/2016,T-SQL ,Oracle 11g, MS ACCESS 2016
<b>Operating Systems</b>	Windows 7, Windows 2008, Windows 2010, Linux
<b>Additional Skills</b>	J2SE, J2EE, Basic Unix, Linux Commands
<b>Designing</b>	Corel-Draw, Adobe Photoshop, and Adobe Illustrator

- **Expertise in developing applications using Microsoft technologies such as .NET Framework 4.0/3.5/3.0/2.0, Web applications using ASP.NET, and distributed applications using WCF, XML Web Services and Messaging system.**
- Working closely to the client for requirement gathering and analysis and provided desired solution to client in time limits.
- Experience in **Writing code** and **debugging** skills with **ASP.NET, WCF, C#, Web services.**
- Involved in implementation of Object Oriented Concepts during the development.
- **Developing the application using MVC, Entity Data Model and RESTful and WCF services.**
- **Responsible for UI design and creating contracts and classes in WCF for different modules in the application.**
- Developed reports using **MS SQL Server Reporting Services** and **Crystal Reports.**
- **Implemented UI using MVC 4.0, HTML, XML, CSS, JavaScript, Angular-JS, AJAX and Web Form Controls to create responsive web pages, developed Master Pages.**
- Using JQuery and JavaScript for implementing client side validations at Controller level.
- Using JQuery JSON for dynamic User Interface, retrieval and posting of data.
- Implemented .Net Security features of Authentication and Authorization using .Net Membership.
- JQuery and JavaScript for implementing client side validations at Controller level.
- Using JQuery JSON for dynamic User Interface, retrieval and posting of data.
- Implemented .Net classes for Business logic Layer using C# .
- **WEB TECHNOLOGIE tools** HTML5,css3,JavaScript,Jscript,Angular-js,jQuery,BootStrap4
- **DATA MANAGEMENT TOOLS** (SQL Server 2014, MySql, SQLite, Oracle).
- **ANDROID MOBILE APPLICATIONS DEVELOPMENT USING JAVA, SQLITE, SQLSERVER.**

## PROJECTS UNDERTAKEN

- Web Application for **Blood Bank** using **spring in J2EE**.
- Website of lally Infosys **<http://www.lallyinfosys.com>**
- Website of the jatt Sikh council (NGO) **[http://www. http://thejatsikhcouncil.com](http://www.thejatsikhcouncil.com)**
- Website of Taste of Punjab Canada **[http://www. http://tasteofpunjabltd.ca](http://www.tasteofpunjabltd.ca)**
- Website of Fikre-Hondh (NGO) **[http://www.http://fikrehondh.com](http://www.fikrehondh.com)**
- Mobile Application for **Beggar Finger Data Scan (Android)** for **Beggar Free Smart City**

## EDUCATION

- **Master of Computer Applications (Lateral Entry), Computer Applications, 2008**  
Maharishi Dayanand University-Rohtak, HR
- **Master of Science, Computer Science, 2006**  
Maharishi Dayanand University-Rohtak, HR
- **Master of Arts-Economics, 1999**  
Doaba College (GNDU)-Jalandhar
- **Bachelor of Arts-Economics, Political Science, 1997**  
Doaba College (GNDU)-Jalandhar
- **Diploma in System Administration-Jalandhar**  
AboutUs Incorporates-Jalandhar

## CERTIFICATES

- Got First Runner Up in Once Act Play In National Youth Festival Held at Chennai in 1998
- Got Second Position Certificate from GNDU in One Act Play in 1997.
- Certified Regular Blood Donor by Pehal NGO and SBTC Punjab from 2008.
- Got First Position Certificate by Rotary Club Of Jullundhur for Mono Acting in 1997
- Got Certificate for Typing from GEE DEE Commercial College Jalandhar In 1994.

## **HEAD OF IT-DEPARTMENT, 02/2003 - TILL DATE**

### **Lally Infosys - Jalandhar, Punjab**

- Providing technical solutions to the trainees in various technologies like C, C++ , Java (J2SE-J2EE), C# .NET, ASP .NET MVC, Python , Web Application Development, Mobile Application using Android.
- Created new lessons plans based on course objectives.
- System and Network Management.
- Conduct teacher trainings and seminars on new technologies.
- Team management
- Handling company websites, web pages and advertising on social media.
- Handling IT Projects development.
- Designing Marketing Material using Corel-Draw, Adobe Photoshop, and Adobe Illustrator.

## **FACULTY MEMBER, 08/2002 TO 02/2003**

### **AboutUs Incorporates – Jalandhar, Punjab**

- Taught Students C, C++, VB6.0, Oracle 9i, 10, Web Technologies like HTML, CSS, FrontPage, JavaScript, and ASP.
- Created new lessons plans based on course objectives.
- Project Management

## **PART TIME COMPUTER INSTRUCTOR, 05/2002 TO 02/2003**

### **Mavav Sehyog Society - Jalandhar, Punjab**

- Verified data integrity and accuracy
- Teaching Web Designing and Web Development
- Given Training to faculties on Oracle SQL-PLSQL Commands

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## **COLLABORATION WITH OTHER ORGANISATIONS**

- **Doardarshan Kender Jalandhar Govt. Of India** Invites me time to time for their Program on Technical Education)
- **AIR (All India Radio) Govt. Of India** Jalandhar invited me on Social Media Pros-Cons.
- Given Career Guidance Seminars in different Schools and Colleges.
- Given Seminar on .NET Technologies to Technical Faculties of **PTUDEP Program Govt. Of Punjab** .
- Taking Online Classes of Overseas Students.
- Participating in Social Activities for the betterment of the Society.( Tree Plantation, Signature Campaign like Anti-Terrorism Campaign ,Anti Drug Campaign, Smart City Jalandhar Campaign, Female Foeticide Campaign, World Women Day Campaign, Punjabi Jan-Jagriti Rally to promote Punjabi Maa Boli,Traffic Rules Awareness Rally)
- Regular Blood Donor from last 10 years donating blood after every 6 Months,honored by Pehal an NGO on World Donor Day at DAV College for donating blood regularly.
- Taking Seminar on Responsive Website Development to Engg. Students from different Colleges and universities at Lally Infosys and also their campus (**DAVIET-DAV Engineering College, DIPS College, Dr.B.R Ambedkar National Institute of Technology, GNDU Regional Campus of Engineering, GNDU**

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- Website of the jatt Sikh council (NGO) **[http://www. http://thejatsikhcouncil.com](http://www.thejatsikhcouncil.com)**
- Website of Taste of Punjab Canada **[http://www. http://tasteofpunjabltd.ca](http://www.tasteofpunjabltd.ca)**
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## ACHIEVEMENTS

Students trained under my guidance are placed in Government as well as private sectors. They are working as professionals in MNCs like Dell, Wipro, HCL, TCS, Cognate, Infosys, Accenture, KPMG etc. Below are the students mentioned who are working in MNCs:-

- Gaurav Bhardhwaj - Technical Consultant , Deloitte USI (developergaurav@outlook.com)
- Ravneet Puri – Systems Analyst, States of California (ravneetpuri7@gmail.com)
- Lovepreet Singh - Software Developer, Deloitte (lovepreetsingh.3097@gmail.com)
- Simrandeep kaur - Analyst in Canadian Food Inspection Agency, Government of Canada (simrandeepkaur090998@gmail.com)
- Vipanjeet Singh – Application Analyst Northern Health, British Columbia , Canada (vipanjeet.singh@northernhealth.ca)
- Ripu Raman – Senior Govt. Computer Teacher , Govt. Sr. Sec. Sofi Village , Jalandhar Cantt.
- Avneet Kaur Narula – Senior Govt. Computer Teacher, Nehru Garden Govt. Sr. Sec. School, Jalandhar.

## HOBBIES

- Work Out in Gym.
- Yoga, Walking
- Reading IT magazines.

