

# AK Dhamija

## Permanent Address

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## Objective

A terminal position.

## Education

- **M.Tech. (Computer Science & Engg.) ,focus in Advanced Linux Programming OpenGL**, IIT , Delhi.
- **M.Sc. (Computer Software) , focus in RDBMS**, Allahabad University
- **M.A. Psychology , focus in Counselling & Guidance**, Annamalai University

## Experience (12 years)

### Computer Scientist , DIPR , Delhi (1995 – till date)

- Worked on prestigious **Pilot Aptitude Battery Test** that involved Object Modeling , System Design & Development on Linux, Windows, OpenGL, VisualC++, Visual Basic , MySQL & Oracle
- Worked to design and develop the mission critical Armed Forces Officers' database & allied applications on Windows, Oracle & Developer2k.

### Computer Scientist , CEES , Delhi (1991 – 1995 )

Worked to design and develop the Gaussian Diffusion Model to predict the hazardous area in case of a harmful gas leakage on C++.

### Computer Scientist , DRDO Computer Centre , Delhi (1990 – 1991 )

Worked to design and develop the session layer for OSI based Wan in C.

## Other Works

- Developed software interface program for customized hardware on serial port.
- Developed ActiveX interface for customized hardware.
- Developed application specific database interface for remote Oracle and Sybase database using C++.
- Developed proxy server application for Windows platform (Socket Communication).
- Graphics editor using Visual C++.
- Several other client/server database applications, socket application, web application, low-level codes etc. using C++/VC++/VB.
- Developed reverse Engg Tool to extract Structure Chart of C Program.
- Established Backpropagation Neural Network.
- Developed Junk Email Filtering system usin Text Classification
- Imlemented the paradigm of Intension Mining System.

## **Related Coursework**

Operating Systems, Software Engineering, Advanced Computer Networks, RDBMS, Advanced Computer Architecture, System Analysis & Design, Object Oriented Analysis & Design, Linux System Administration, Algorithm Analysis & Design , Advanced Computer Graphics , Logic & Functional Programming, Natural Language Processing , AI

## **Computer Skills**

Graphics, port, network socket and database programming; debugging experience on Linux / Windows platform with following languages and products:

- C/C++
- VC++/VB
- Assembly, Cobol, Fortran
- Oracle, MySQL, Sybase
- Gdb, Softice (Debuggers)

## **Professional Training**

- Advanced Linux programming, Kernel Module Development, Debugging and OpenGL Graphics from Kritikal Solutions, IIT Delhi.
- Advanced course on network programming and application development using Visual C++ from ET&T, Delhi