

Mr Onkar Shinde

Objective: To be one of the best computer professionals and contribute to software community.

Educational Details: Currently appeared for the exam of Final Year of B. E. (Computer Science & Engineering) at People's Education Society's (PES) College of Engineering, Aurangabad (Maharashtra).

Exam	College/ School	University/ Board	Year Of Passing	Percentage
BE (Part I)	PES College Of Engineering	Dr. B. A. M. University	2003	61.06%
TE	PES College Of Engineering	Dr. B. A. M. University	2003	61%
SE	PES College Of Engineering	Dr. B. A. M. University	2002	58.06%
FE	PES College Of Engineering	Dr. B. A. M. University	2001	62%
H. S. C.	S. B. E. S. College Of Science	Maharashtra State Board of Secondary and Higher Secondary Education	2000	73.17%
S. S. C.	S. B. E. S. High School	Maharashtra State Board of Secondary and Higher Secondary Education	1998	81.2 %

General Technical Proficiency: Installation & basic setup knowledge of Linux OS including setting up network, NFS, Samba, FTP server.

Programming Languages Known:

C, C++, Java with an expertise of intermediate level.

Projects Done:

1. Sim85 – An 8085 Simulator

Remembering the op-codes is the most difficult part in assembly language programming. And this erodes the interest in the assembly language programming. So a simulator was developed which eliminates the need to remember the op-codes and allows the programmer to directly write the program using assembly language instructions. Thus a programmer can concentrate more on the actual programming rather than the remembering or referring of op-codes.

It also allows watch facility to watch over the contents of the registers as well as memory locations. Further it allows debugging of programming by running it one instruction at a time.

Frontend: Foxpro for Windows -2.6

Backend: Foxpro for Windows -2.6

2. JEditor – A Java editor and compiling assistant

The project consists of an editor which can be used to write and compile basic Java programs.

The program saves desktop space by providing tabbed windows editing (multiple child windows in one main window) for many programs simultaneously. It also shows compilation errors in a separate tab.

Frontend: Swing packages from Java 2, 1.4.1

Backend: Java core libraries from Java 2, 1.4.1

3. FTPHelper – A FTP client program

The project consists of a GUI application to assist establishing FTP sessions and file transfers on client side.

The aim behind project consisted of three main points:

- 1) To learn network and socket programming
- 2) To learn multithreading
- 3) To learn working of a industry standard protocol

The program gives view of local as well as remote listing simultaneously. Further it displays all the commands sent, reply sent by server and also transfer progress.

The program used socket libraries in Java to establish connection and transfer files.

Frontend: Swing packages from Java 2, 1.4.2

Backend: Net packages (network library) from Java 2, 1.4.2

Seminar:

FireWire

FireWire is a high-speed serial input/output (I/O) technology for connecting peripheral devices to a computer or to each other. Originally developed by Apple, it has now become an official industry standard under the name IEEE 1394.

FireWire is an implementation of IEEE 1394 and subsequent standards by Apple. Sony uses the name i.Link for same technology.

Features of FireWire are **peer to peer connectivity, on bus power, real time data delivery, plug and play, hot pluggability.**

Extra Curricular Activities:

NCC Army Wing 'A' certificate.

Passed **PABT** (Pilot Aptitude Battery Test) at Air Force Selection Board no. 2, Mysore (Batch no. 5960, April 2000).

Organized **Aptitek – A Virtual Campus** event for branches CSE, IT, ECT, EEP, MECH for years FE, SE, TS, BE.

Co-Curricular Activities:

Participated in various programming competitions including **Bitwise 2004** – A contest conducted by IIT Kharagpur.

Personal Details:

Father's Name: Bhausahab E. Shinde

Address: Flat no 2, Pooja Aptment,
Bhawsinghpura Road,
Nandanwan Colony,
Aurangabad 431002.
Phone No.: 0240-2370293

Date of Birth: 28th JUN 1983.

Email ID: ekebala@sancharnet.in

Alternate ID: onkarshinde@yahoo.co.in

Date: 29/06/04

Place: Aurangabad.

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