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Currently working as software engineer at Ness Technologies (India)Limited.

Summery of qualification :*Primary School* : The Bud , Guwahati

Class I to VI : K.V. Khanapara , Guwahati (Assam , India)

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Engineering: B.E in **Information Technology** from **R.E.C Durgapur**(Now [NIT , Durgpur.](#)), West Bengal, India.

Profile:

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Skills : C,C++,Java,Oracle,Linux,asp.

Special Interest: Networking , Communication Protocols , Operating System.

Topics: Want to work with network protocols , driver development in Linux and kernel.Made many small tools in java to check the networking protocols.The areas in which I am currently working is Java programming.Implemented a fully functional webserver in Java.Very much carried by the motive of [Open Source](#).

At the college during my second year i installed linux for the first time and started to spend time on it .I used to encounter words like GNU and RFC's etc. , which were very complicated , but as time passed it became easy .I always encourage people to use Linux , it may be bit difficult for using it but it will become ease after some time.

I used Linux in my computer , which was a Pentium I , 233Mhz, with just 64+32 Mb of RAM. 10.2Gb of HDD and one 1.44 Mb FDD.It gave me a good service in my college days.

Currently studying about kernel hacking and driver development in Linux.

Projects:

1> **Description:** Using a floppy disk whose track 0 is bad.

concept: With the help of many C function we can directly access the blocks without encountering the FAT.The functions which I have used is rawread , rawwrite , bisodisk.These are enough to make that program.At that time I had limited knowledge about the FAT , so I had to drop the project.Many things I got to learn from this like the static and the dynamic FTA's.Concept of the i-nodes also became clear and which was really very helpfull.

2> **Description:** Encryption program and made it to work with the previous program of using a bad floppy. It worked well .

concept: The concept is to encrypt the whole data just before writing it into the disk block. Well the first thing is to divide the whole data into chunks of data of the same size of that of the disk blocks and then perform the encryption process.

3> **Description:** Implementation of the Any Time algorithm in Java. The concept of this was really very good and useful in the days to come in which we are suppose to use A.I and neural networks for almost all the kinds of work.

concept: Well the target program for showing this any time algorithm I choose was the quick sort program as because it will take some time to execute and it can be easily interrupted in between, which actually is the concept of any time algorithm.

4> **Description:** Implemented a simple web server in Java. I have only implemented the GET command , which is used to fetch the HTML pages from the server.

concept:The concept is again very simple. Just go through the appropriate RFC's for getting the protocol description. To go one step further one can check the source code for the free servers available in the internet. Like one that is given free with the LINUX. This program can be greatly improved by the addition of proxy facilities so that the pages which have been fetched earlier can be directly sent to the client before giving the request to the actual server which is greatly going to save time. Other commands are also not that tough one can implement that too.