



**Area(s) Of Interest :** Intrusion detection, artificial intelligence, data mining

<b>Educational Qualifications</b>	<b>Year</b>	<b>Board/Institution</b>	<b>CGPA*/%</b>
Postgraduate (Ist Year IInd Semester) ( Information Technology )	2009	Indian Institute of Technology Roorkee	8.500
Undergraduate Overall ( Information Technology )	2007	Jadavpur University	9.020
Twelfth Class	2003	West Bengal Council of Higher Secondary Education	88.700
Tenth Class	2001	West Bengal Board of Secondary Education	86.250



\*GPA on a scale of 10

## **JOB INFORMATION**

### **Infosys Technologies Ltd.**

**Software Engineer** - I worked for customized sheet of stamps project, with the project code PBSOSBB. I had to implement the necessary changes in the SOSserver module, which was for keeping track of all the phases of an order for sheet of stamps. The project was implemented in Dot net platform using C# language. Later I was also given with the responsibility of an internal project, in which I designed and implemented a fax utility program as a wrapper module of windows fax service. It has some extra functionalities, which windows fax service doesn't include. ( 9th July, 2007 - 25th July, 2008 )

## **PROJECTS**

### **Infosys Technologies Ltd., Bhubaneswar**

#### **Fax utility ( February 2008-May 2009 )**

I designed and implemented a utility program for sending fax from any machine to any remote fax machine with the help of windows fax service. Fax could be sent to multiple receivers at a time and all image types .jpg, .tif, .bmp and document type, excel files could be sent as fax. It was written in C# language. I also developed one sample application program using it.

### **Infosys Technologies Ltd., Bhubaneswar**

#### **Customized sheet of stamps ( October 2007-January 2008 )**

The project was under Pitney Bowes account. It was for creating, delivering and billing of customized stamps as ordered online. I was allocated to SOSserver module, which used to handle the phases of order from placing to being delivered in the internal database. Later I was also involved in Imageserver module, which keeps track and manipulates the images to be placed on the stamps.

### **I.I.T Roorkee**

#### **Real-time Intrusion detection system using artificial intelligence techniques ( July 2008-June 2009(tentatively) )**

This is ongoing dissertation work for M.Tech. Intrusion detection systems using rule-based and statistical approach pose many limitations. Black-box approach for intrusion detection using artificial intelligence techniques has the potential to overcome many of the limitations. Research work aims at developing a real-time IDS using some of the A.I. techniques having the highest

possible detection rate with least false positive rate, which also can classify the detected attacks in possibly least amount of time.

## **Jadavpur University, Kolkata**

### **Mobile cluster management in distributed information network ( July 2006-March 2007 )**

It was undergraduate final year project. In this project, we implemented Max-Min D hop clustering algorithm for leader election. Then we implemented a novel routing algorithm called Geographical routing in the presence of stable cluster and compared it with AODV routing algorithm. The language used was Java and applet was used for visual representation.

## **SKILLS AND ACHIEVEMENTS**

<b>Computer Languages:</b>	C, C++, C#, Core Java, SQL, HTML, Javascript
<b>Software Packages:</b>	Microsoft Visual Studio, Microsoft office, Dev CPP, GPSS tool, Adobe photoshop
<b>Academic Achievements:</b>	[1] Two times won medal for highest marks in school in tenth and twelfth standard. [2] First class with distinction in all semesters of B.E. [3] All India Gate rank 50 (score 523) in 2007. [4] Awarded as the best trainee in Dot net at Infosys Training, Mysore
<b>Additional Courses Taken:</b>	[1] Operating system design. [2] Infosys training in Dot net (C#, SQLServer etc.) [3] Attended "Ethical Hacking" workshop in Cognizance 2009, [4] Data mining. [5] Modeling and Simulation. [6] Unix network programming
<b>Languages Known:</b>	English ( S/R/W ); Hindi ( S/R/W ); Bangla ( S/R/W );

## **EXTRA CURRICULARS**

### **Was actively involved in cultural committee of school ( 1999-2001 )**

[1] Wrote the script of a skit, which was performed in the annual function. [2] More than once, did anchoring in the functions. [3] My write up was published in the school magazine.

## **PERSONAL DETAILS**

<b>Fathers name :</b>	Kamal Krishna Konar	<b>Date of Birth :</b>	31-10-1985
<b>Gender :</b>	Female	<b>Category :</b>	General
<b>Permanent Address :</b>	9/1 Main Road East, KaliaNibas P.O: NonaChandan Pukur North 24 PGS Kolkata 700122		
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## **REFERENCES**

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