

Ankit Joshi

Email: ankit@ankitjoshi.co.in, **Website:** www.ankitjoshi.co.in, **Mobile:** +919819954880

Address: B-1/51, Mahindra Gardens, S.V.Road, Goregaon West, Mumbai 400062, India

Objective:

To develop my skills in an environment that provides practical exposure to the current industrial trends.

Education:

Rochester Institute of Technology, Rochester, New York

Master of Computer Science

May 2012

University of Mumbai, Mumbai, India

Bachelor of Engineering, Computer Engineering

June 2008

Skills:

Programming Language: Java, C#, C, C++

Tools: MS Office, Net-Beans, Eclipse, Visual Basic 6, WCF, Latex, Visual Studio, VMware Player, Network Simulator 2.26.

Databases: Oracle 9i, Oracle 10g, MySQL, MS Access.

Operating Systems: MS Windows, Linux (Ubuntu, Red Hat 9), MAC OSX.

Others: SAP (ERP Model)

Work Experience:

Care Global Services.

June 2012 - Till Date

IT and Marketing Manager

- Created website for the company using PHP.
- Worked on SAP system (ERP Model).
- Was Promoted to become the Marketing Manager.
- Lead and revenue Generation.
- Client servicing of our existing clients worldwide.
- Setup network hard-disk and data backup system for the company.
- Troubleshooting.

Alstom Signaling, Inc.

March 2011 - July 2011

Software Engineer

- Created a Client-Server application for the Positive Train Control System using WCF.
- Used C# with VB6 to create a secure communication system between the Client and Server.
- Created an application in C# that helps to map/un-map the shared database drives between the Client and Server according to requirements.
- Created a password protected MS Access database.
- Created a testing system using C# to get the results of the hardware.

Care Global Services

June 2008 – September 2009

Application Developer

- Designed and developed software for billing system using JAVA.
- Main properties of the software was to create, edit, save and search the bills as per the requirements.

Senior Lab Assistant in Rochester Institute of Technology

November 2009–July 2012

- Assisted students with their doubts related to their courses.
- Provided technical support and assistance to the Computer Science department.

Ankit Joshi

Email: ankit@ankitjoshi.co.in, **Website:** www.ankitjoshi.co.in, **Mobile:** +919819954880

Address: B-1/51, Mahindra Gardens, S.V.Road, Goregaon West, Mumbai 400062, India

Academic Projects:

Database Management for a Company

- Developed database management system for an export company.
- The project was created using JAVA as the front end and Oracle 10g as back-end.
- Project included design of GUI, writing database queries, stored procedures and triggers.

Amazon SimpleDB Parallel Query Processing

- Studied and implemented project on Amazon Simple Database for parallel computing using Parallel Java.
- Main idea behind the project is to let the users access data simultaneously to and from Amazon SimpleDB.

Secure Coding

- Worked on virtual machines provided by RIT.
- The goal was to learn how viruses can be created and how to secure the computer against them using C++.

Service Oriented Architecture

- Created a way for secure communication between the client and server.
- Used JAVA and WSDL technology to create a secure communication with the help of encryption and decryption methods.

Master's Project

- Created Master's Project - "Security in Ad hoc Networks".
- Implemented the multicast routing and security of the communication between the nodes in a mobile ad hoc network with the help of C++ and OTCI languages.
- Tested the code with the help of the Network Simulator (NS-Allinone-2.26).
- Used NAM-1.6 to create the scenarios of the network.
- Implemented *n-Party* Diffie-Hellman algorithm to secure the communication against attacks.

Extra Curricular activities:

- Played cricket for my Diploma college and was the part of the winning team.
- Have been a winner in traditional dance competition in India.
- Member of IEEE (2008-2009)

References:

Available on request.