#### Juhi Saurabh

**M. Tech. (Software Engineering), PGD in Advanced Computing, B.E. (CSE)**

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**CAREER OBJECTIVE**

Aspire to work with a progressive organization that offers a challenging career where I can learn and function effectively and contribute towards organizations and personal goals so as to reach the pinnacle in computing and research field with sheer determination, dedication and hard work. To constantly upgrade my knowledge and skills and make a difference in whatever I do.

**CAREER SUMMARY**

* A competent professional with **5 years of experience** in education field.
* Experienced in event coordination, question paper setting and copy valuation for the exams held by the university, result analysis and other administrative tasks. Worked as teacher guardian, cultural and sports coordinator, answer sheet evaluator. Organized an educational tour for students.

# PROFESSIONAL BACKGROUND

**Five years of Teaching Experience.**

**Assistant Professor**

* GD Rungta College of Engg. & Technology (Sanjay Rungta Group of Institutions, Bhilai) – Jan’2014 – Nov’2016
* GIMT (Garv Institute of Management & Technology, Purai, Durg) – Jul’2011- Oct’2012

**Lecturer**

* IBT College of Diploma Engineering, Ahiwara – Feb’2011- Jun’2011

**SEMINARS ATTENDED**

* Research Methodology including Mathematical Modeling in Engineering and Applied Sciences organized by Rungta College of Engineering and Technology, Bhilai in March 2012.
* MATLAB and Simulink for Engineering Education organized by Math works in 2013.

**TECHNICAL PUBLICATIONS**

1. Juhi Saurabh, “Audio Steganography Using Genetic Algorithm To Enhance Security”, International Journal of Science and Research (IJSR) India Volume 1 Issue 2, November 2012, ISSN : 2319-7064, URL http://www.ijsr.net/v1i2.php Paper id: IJSR11120206.

2. Juhi Saurabh, “Effective Algorithm for Audio Steganography Based on RPrime RSA and GA based Modified LSB Technique”, Shaastrarth International Conference, February 2013.

1. Juhi Saurabh, “Resource Scheduling Technique for Mobile Cloud Computing”, ACEWRM National Conference, February 2015.
2. Juhi Saurabh, “Network Security Using PRNG’s & Cryptography Technique”, ACEWRM National Conference, February 2015.
3. Juhi Saurabh, “Resource Management Strategy for Mobile Cloud Computing”, PARAS 2nd International Seminar on “Utilization of Non-Conventional Energy Sources for Sustainable Development of Rural Areas” ISNCESR, March 2016.

**TECHNICAL EXPERTISE**

* **Languages:** .NET(C#, ASP.NET, VB.Net), JAVAEE, JAVASE, C, C++
* **DBMS:** MS ACCESS, Oracle 8i
* **RDBMS:** SQL Plus (in Oracle 9i), MS SQL Server, MYSQL
* **Software:** Visual Studio 2010, MS-Office 2013, 2010, 2007
* **Operating Systems:** Android, Windows, LINUX, UNIX, UBUNTU, DOS
* **Web Technologies:** PHP, HTML, XML, JAVASCRIPT, ASP.NET, JSP
* **Tools:** Visual Studio 2010, Macromedia Dreamweaver, Eclipse

**PROFESSIONAL TRAINING**

* **Bharat Sanchar Nigam Limited (Durg)** - 15 days vocational training
* **Bhilai Steel Plant** - 15 days vocational training

# ACADEMIC CREDENTIALS

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| --- | --- | --- | --- | --- |
| **Degree** | **Institute** | **Board/University** | **Year** | **Division** |
| M.Tech. in Computer Science & Engineering (Software Engineering) | R.C.E.T., Bhilai | C.S.V.T.U., Bhilai | 2014 | 1st Div. |
| PG Diploma in Advanced Computing | IACSD, Akurdi, Pune | C-DAC ACTS, Pune | 2009 | 1st Div. |
| B. E. (Computer Science Engineering) | M.P.C.C.E.T., Bhilai | Pt. R.S.S.U., Raipur | 2008 | 1st Div. |
| Higher Secondary Examination | K.H.M.H.S.S., Jawahar Nagar, Bhilai | C.G.B.S.E. | 2004 | 2nd Div. |
| Secondary Examination | B.S.P. S.S.S Sect.-4, Bhilai | C.B.S.E. | 2001 | 2nd Div. |

## PROJECTS UNDERTAKEN

1. **M.Tech. Project – Audio, Video and Image Steganography using Genetic Algorithm.**

(Front End- Java JDK 1.7, Net beans 7.1.1)

Project Description:

The title of my project is **‘Audio, Video and Image Steganography Using Genetic Algorithm’** which is based on JAVA. We can use this approach for sending some secret information by hiding it in some cover medium. The cover medium used in this project can be audio signal, image or video and the secret message is a text message. In this project, we are using an integrated approach of RSA algorithm and GA based LSB algorithm for hiding the secret data from hackers and sending the secret information to the destination in a safer manner. This algorithm works for audio, image as well as for video.

1. **CDAC Project – Goods Transportation Management System**

(Front End – .Net, Back End – MS SQL Server)

Project Description:

The title of my project is **‘Goods Transportation Management System’** which is based on .Net technology. In this project for booking system the company provides the facility to the customers for booking their goods online. In this system the goods are booked online and the goods are collected by the transport company from the location which is specified in the query form by the customer at the time of online booking of their goods. Transportation is also a very fast growing sector in this field in which the customer uses websites to place their queries for seeking some transportation services.

1. **B.E. Projects –**

* Minor Project – **Share file Peer-to-peer**
* Major Project – **File Sharing (Extension of minor project)**

(Front End – JAVA (JDK 1.5), Back End – MS Access, Operating System-Windows-98, XP)

Project Description:

There are currently numerous peer to peer (P2P) network used for sharing files between Client and Server. Although the various networks generally offer user similar functionality (e.g. searching files, echo request reply, downloading files etc) each such network has its own suite of protocols for communicating between peers and sharing and distributing its files. As such each network use of its own proprietary Client side software.

In the FILE SHARING project we tackle problem in two steps:-

* We define a unified programming interface to P2P file sharing systems.
* We use this programming interface to build a single unified P2P file sharing.

**PERSONAL DETAILS**

Date of Birth : 5th July, 1985

Gender : Female

Marital Status : Married

Languages : English & Hindi

Address : House No.- 9, Block No.- 4, Priyadarshini Parisar (East), (Railway Under Bridge

Road), Supela, BHILAI, District – Durg, Chhattisgarh, PINCODE: 4900023.

**Date: -**   **Juhi Saurabh**