

# CURRICULUM VITAE

## SONALI

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PUKHRAJ COLONY  
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### **CAREER OBJECTIVE**

To secure a challenging position where I can effectively contribute my skills as Software Professional, possessing competent Technical Skills and hence also be productive for the organization.

### **EDUCATIONAL QUALIFICATION**

Examination/Year	School/college	Board/University	%age
<b>M.Tech (CE)</b> (2015)	Yadavindra College of Engineering, Talwandi Sabo, Bhatinda	PUP (Punjabi University, Patiala)	80.8 ( <b>FIRST</b> position during all the semesters)
<b>B.Tech (CSE)</b> (2012)	Lingaya's Institute Of Management and Technology, Faridabad	MDU (Maharashi Dayanand University, Rohtak)	73
<b>12<sup>th</sup> (2008)</b>	St. Kabir's Convent School, Bathinda, Punjab	C.B.S.E	69.6
<b>10<sup>th</sup> (2006)</b>	St. Joseph's Convent School, Bathinda, Punjab	C.B.S.E	85.80

### **TECHNICAL SKILLS**

- Languages: C,C++,HTML,matlab
- Compatible with various operating systems- WINDOWS,Unix
- MS Office, SQL, Oracle

### **PROJECTS ACCOMPLISHED**

#### **B.Tech Projects**

**Project Title:** C++ /OPEN-GL BASED REAL TIME DRILLSHIP ENVIRONMENT  
SIMULATION FOR DYNAMIC POSITIONING OPERATOR TRAINING

**Description:** In this project I undertook a maritime industry solution for Dynamic Positioning training schools. It provided a 3D virtual world space to train a Dynamic Positioning operator on ocean. It was implemented using OpenGL and developed in VC++ language.

**Role:** Requirement Analyzer and Module Developer.

**Project Title:** WEBSITE DESIGNING

**Description:** In this project I designed a website which contained the detailed description about a college campus, the fee structure, hostel facility available other notification. (Implemented in ASP.NET, coding done in c#)

**M.Tech Project**

**Project Title:** ISOLATED WORD RECOGNITION USING HIDDEN MARKOV MODEL AND DYNAMIC WARPING TECHNIQUES

**Description:** It was basically a survey of both the above said techniques and a comparative analysis drawn up out of them on basis of various evaluation parameters in the process of Speech Recognition.

**Dissertation**

**Title:** An Enhancement of Human Action Recognition from Videos using Hybrid Technique

In this dissertation, the enhancement of human action recognition of the videos with the help of a Hybrid technique has been implemented. The results obtained were quite significant and were demonstrated on the public benchmark datasets.

#### WORK EXPERIENCE

- Working as an Assistant Professor (lecture basis) in MRSPTU , BATHINDA since 08 august 2023 in the Department of Computational Sciences.
- Worked as a Senior Software Engineer in Berryl Infosystems Pvt. Limited, Faridabad from July 2018 to august 2020.

#### LIST OF PUBLICATIONS

- Sonali and Ashok Kumar Bathla, “**A Review on Classification Techniques for Human Activity Recognition**” Journal of the International Association of Advanced Technology and Science, Vol. 16, No. 2, pp. 7-11, April 2015.
- Sonali and Ashok Kumar Bathla, “**Human Action Recognition using Support Vector Machine and K-Nearest Neighbor**” International Journal of Engineering and Technical Research, Vol. 3, No. 4, pp. 423-428, April 2015.

#### OTHER ACHIEVEMENTS

- Consistent topper throughout the M.Tech, Securing FIRST position consecutively during the entire degree course.
- Got certificate in presenting the review paper ”INTRODUCTION TO DYNAMIC POSITIONING” in a national conference held in college titled “DATAMINING & WAREHOUSING”.
- Worked as “Technical Lead” in most of the projects Onsite during corporate job.
- Awarded with a certificate for being a member of “Judgment Committee”, “Informals Committee” and “Invitations Committee” during Zest -Annual College fest

- Awarded with a certificate of participation in “Green Olympiad” a quiz conducted by the IEEE
- Awarded with the certificate of “Pre-Senior UN Information Test” held at school level

### **PROFESSIONAL STRENGTHS**

- Adaptable
- Optimistic
- Perseverant
- Self-reliant

### **PERSONAL SNIPPETS**

Date of Birth	:	19/11/1990
Gender	:	Female
Husband's Name	:	Mr. Saurabh Saluja
Nationality	:	Indian
Marital Status	:	Married
Languages Known	:	English, Hindi, Punjabi
Hobbies	:	Listening to Music, Travelling

### **DECLARATION**

I hereby affirm that the above mentioned facts are true to the best of my knowledge and believe.

**Place: BATHINDA**

**(SONALI)**