

# Bhavyadeep Jagani

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437 929 8566- jbhavyadeep@gmail.com

## CAREER OBJECTIVE

To succeed in an environment of growth and excellence and earn a position which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

## EDUCATIONAL QUALIFICATIONS

<b>Advanced Diploma in Software Engineering Technology- Artificial Intelligence</b> Ongoing	Centennial College
<b>Bachelor's in Computer Science and Engineering</b> 2017-2021	VIT University, Chennai Current CGPA : 8.62
<b>12<sup>th</sup> Science in CBSE Board</b> 2016-2017	Arcadia Academy Percentage: 90%

## PROJECTS

<b>Hospital Management System</b>	<p>It is a web based application which serves two purposes</p> <ol style="list-style-type: none"><li>1. The system will be used for general purpose like viewing patients profile and medical history and expenses payable.</li><li>2. The system also provides Doctor Profile and allows patients to set appointments for check up.</li></ol>
<b>Industrial Fault Monitoring System - IOT</b>	<p>It is web based Monitoring System which alerts the user in case of emergency in the industry based on data collected from sensors, for example if there is a rise in temperature in a boiler than the operator will be immediately notified using a graphical UI and an Alarm.</p>

**Audio based Attendance System**

It is a mobile App that takes takes attendance of employees based on their voice which are pre-recorded and trained using Machine learning models and it matched every time an employee speaks into the microphone. Along with their voice the WiFi gateway of the company branch where that employee works is also check in order to avoid fake attendance.

**HAND GESTURE BASED INTERACTION SYSTEM USING DEEP LEARNING**

Objective is to develop and implement a set of machine learning algorithms that use gesture recognition to control the keyboard and mouse in a demo application in real-time using a webcam to demonstrate the technique of a hand-gesture-based interaction system to improve the interaction between humans and computers

**Technical Skills**

JAVA, C/C++, PYTHON, HTML, CSS, JavaScript, Express JS, Machine learning

MYSQL, Android App Development

**Interpersonal Skills**

Creative Problem Solving

Interpersonal Communication

Team Work