# ANITHA VADLAMUDI

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# Summary

* Having **2.5** years of work experience in the field of IMAGE PROCESSING.
* Having considerable experience in development simulators using python with help of opencv, MatLab, Simulink and other Toolboxes.
* Experience in Image Processing Application development using MatLab and OpenCV.
* MATLAB Software Development
* Worked on MACHINE LEARNING with help of PYTHON

# Educational Qualification

B.Tech (Electronics Communication Engineering)

Sree Vahini Institute of Science and Engineering, Tiruvuru, Andhrapradesh. -69.17%

Higher Secondary Akshara Junior College (AP Board), Tiruvuru. - 52%

SSC M.B.M.Z.P.G.H school, SSC Board,Mylavaram-53%

# Technical Skills

* **OPERATING SYSTEM** : Windows-7,Windows-8,Windows-10

**LANGUAGES** : C,MATLAB,PYTHON,MACHINE LEARNING

**GUI** : MATLAB GUIDE

**TOOLS** : MATLAB 2013b,2014a,2018b,PYTHON,ANACONDA NAVIGATOR

# Accomplishments

About Client/Domain:

**Project**: : A Conceptual Model for Automated Attendance Marking System Using Facial Recognition

**Employer**: : Pantech solutions Vijayawada

**Role**: : Project Engineer

**Duration**: : Aug 2018 to Jan 2019

* Advances in computing and telecommunications technologies, digital images and video are playing key roles in the present information era.
* Human face is an important biometric object in image and video databases of surveillance systems.
* Detecting and locating human faces and facial features in an image or image sequence are important tasks in dynamic environments, such as videos, where noise conditions, illuminations, locations of subjects and pose can vary significantly from frame to frame.
* An automated system for human face recognition in real time background for a college to mark the attendance of their employees and students.

**Project :** Brain Tumor segmentation using Convolution neural network for MRI Images

**Employer** : Pantech solutions Vijayawada

**Role**: : Project Engineer

**Duration**: : Feb 2019 to Dec 2019

* In this project Automatic defects detection in MR images is very important in many diagnostic and therapeutic applications.
* Because of high quantity data in MR images and blurred boundaries, tumor segmentation and classification is very hard.
* This work has introduced one automatic brain tumor detection method to increase the accuracy and yield and decrease the diagnosis time.
* The goal is classifying the tissues to three classes of normal, begin and malignant.. In MR images, the amount of data is too much for manual interpretation and analysis.
* During past few years, brain tumor segmentation in magnetic resonance imaging (MRI) has become an emergent research area in the field of medical imaging system. Accurate detection of size and location of brain tumor plays a vital role in the diagnosis of tumor.

**Project :** Edge Collapse-Based Dehazing Algorithm for Visibility Restoration in Real Scenes

**Employer** : Pantech solutions Vijayawada

**Role**: : Project Engineer

**Duration :** Jan 2020 toDec 2020

* This project was designed to restore the visibility for vehicle drivers when the environment is foggy.
* Edge collapse-based dehazing algorithm was used to dynamically repair the transmission map and achieve satisfactory visibility restoration

**Responsibilities:**

* Assist them on programming/simulation/integration with software
* Review final product and advise further possible Add-Ons to make the product impressive
* I will train fresher’s and I will take daily status calls &I will explain final product & specification end users

**Work Experience**

August 2018 to Dec 2020

Pantech solutions Pvt Ltd. Vijayawada

**Project Engineer – Project Developer**

**Achievements**

* Received multiple clients appreciation on fixing repeat issues.
* Interact with end users/other stakeholders to understand their requirement/approach
* Provided required support to many final year students to achieve their project requirements by using the Python and Machine learning techniques.

**Personal Details**

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| **Name** | Anitha Vadlamudi |
| **Father’s Name** | Narasimharao Vadlamudi |
| **Date of Birth** | 11 Jun 1996 |
| **Nationality** | Indian |
| **Present Address** | Hno: 1-165, Lakshmipuram, Tiruvur(Md), Krishna, Andhra Pradesh- 521235 |
| **Languages Known** | English, Telugu, Hindi |
| **Hobbies** | Listening Music, Watching Movies and ,Gardning |

**I hereby declare that all the information furnished above is absolutely true to the best of my knowledge and test of my understanding.**

**Place: (Anitha Vadlamudi)**

**Date:**