

# Mattaparthi Srivalli

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## OBJECTIVE

Seeking any entry in a challenging work environment where I can implement my technical knowledge for the growth of the company and also put myself forward as an enthusiastic and confident software engineer.

## EDUCATION

**Vignan's Institute of Engineering for Women,**  
**Visakhapatnam — B.TECH(ECE)**

JUNE 2018 - JULY 2022

**Sri Chaitanya Junior College, Amalapuram —**  
**Intermediate(PCM)**

JUNE 2016 - MAY 2018

**Aims High School, Mummidivaram — SSC**

JUNE 2015 - MAY 2016

## EXPERIENCE

**Main Project : An efficient multilevel thresholding based image segmentation approach using modified cuckoo search algorithm** — *To perform image segmentation by using modified cuckoo search algorithm with various multilevel thresholding methods such as Tsallis Entropy, Kapur's Entropy and Ostu's method.*

**Mini Project : Reverse parking alert using arduino** — *Park vehicles in reverse direction ensuring no obstacle in its vicinity, wide-spread usage (application) of sensors in our daily life.*

**Coding Competition : Think Big with Functional Programming** — Juspay

**NPTEL : Introduction to Embedded System Design**

## SKILLS

Problem Solving  
Logical Thinking  
Interpersonal Skills  
Analytical Skills  
Good Communication Skills  
Typing skills  
Good Team Player

## LANGUAGES/SOFTWARES

Python  
C-language, Java (Oops Concepts)  
Core Java  
SQL  
Linux  
AWS  
Windows, MS-Office  
Android

## AWARDS

Membership in the "Institute of Electronics and Telecommunication Engineers"(IETE).

Appreciation from different welfare societies on behalf of collecting funds for the children

**Training :** *Soft skills training programs offered by “Barclays –Connect with Work” by Rubicon and “Career – Edge” by TCS–ion learning*

**Workshops :**

*Participated Workshop on “Build Humanoid Walking Robot with Artificial Intelligence”(MERIT CERTIFICATE)*

*Participated in a 2–days online workshop on “Embedded System Application Using TinkerCad Simulation Tool”.*

**CERTIFICATIONS**

Python

C–language

NDG Linux Unhatched

Artificial Intelligence

Internet of Things

**SPECIAL INTERESTS**

Drawing and Making Crafts

Listening to Music

Traveling and long walks on the beach