

# BALAJI BATCHU

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Vijayawada, Andhra Pradesh - 520001

## Profile

As a recent graduate with a B.Tech in CSE. Throughout my academic career, I have gained experience in the corporate work system through several internships. I am a quick learner with a strong work ethic, who loves to succeed mutually with organizations that recognize my extreme passion for learning, elegant towards exploring new technologies, versatile, and am committed to delivering high-quality results. I am excited to start my career and contribute to a team in a dynamic and challenging environment.

## Education

**Potti Sriramulu Chalavadi mallikarjuna Rao**  
**College of Engineering and Technology**

*B.Tech (Computer Science and Engineering)-CGPA: 8.05*  
2019 – 2023

**KBN SHINE COLLEGE**

*Intermediate (MPC)* - CGPA: 9.6  
2017 – 2019

**Sai Aruna High School**

*SSC* - CGPA: 8.7  
2016 – 2017

## Certificates

- Completed certification on python programming at Hacker rank
- Completed certification on python under solo learn
- Completed Certification on C language under Solo learn
- Completed Certification on Html,css and JavaScript under Solo learn
- Certificate of completion Responsive web development under FreeCodeCamp

## Skills

programming Languages: Python | C | Basics of Java

Frontend Stack: Html | Css | Javascript | Redux

Libraries/Frameworks: ReactJs | Tailwind Css

Tools: VS code

## Internships

**Cyber Security Intern**

*SUPRAJA TECHNOLOGIES*

During the period of my Internship, I have learned basics of ethical hacking, networking and also hands on experience with effective tools like Metasploit, Burp suite, Nmap etc., and also familiar with kali Linux, CLI.

**Content development**

*FRESHERSNOW.COM*

Successfully completed an internship with great content research and Domain development tasks at Login Technologies

**Data Analyst Intern**

*GO ON WHEELS*

Interned as data analyst team head , which helped me to gain lot of experience of managing things even in hard situations and working under pressure, I truly believe that it make me more experienced towards team management.

## Workshops

- Attended online workshop on Python and Machine learning Bootcamp conducted by shapeAI in 2021
- Developed knowledge on Django by attending one week apssdc workshop
- Attended workshop conducted by supraja technologies on Ethical Hacking

## Projects

### **Title: Leaf Disease Detection using Deep Learning**

Description: Our Leaf disease detection Project is a computer vision-based application that can identify and classify various types of diseases affecting plants from digital images of their leaves using Deep learning techniques. It involves using image processing techniques and Deep learning algorithms to analyze leaf images and determine whether a plant is healthy or diseased. The goal of our project is to aid farmers in identifying and mitigating crop diseases, which can significantly impact crop yield and quality. By implementing leaf disease detection, farmers can take preventive measures and ensure the health of their crops, resulting in increased productivity and profitability.

Skills: Deep Learning Algorithm(CNN), python

### **Title: Smart garbage management using Arduino**

Description: In recent decades, urbanization has increased tremendously. During the same phase, there is an increase in waste production. This proposal is a way to achieve this good cause. In this project smart dustbin is built on a microcontroller-based platform Arduino Uno board which is interfaced with the Servo motor and ultrasonic sensor. The ultrasonic sensor is placed at the top of the dustbin which will measure the stature of the dustbin.

### **Title: Documentation on Reverse Osmosis (Social Relevant Project)**

Description: Reverse osmosis (RO) is a water purification process that uses a partially permeable membrane to separate ions, unwanted molecules, and larger particles from drinking water. In reverse osmosis, an applied pressure is used to overcome osmotic pressure, a colligative property that is driven by chemical potential differences of the solvent, a thermodynamic parameter. The result is that the solute is retained on the pressurized side of the membrane and the pure solvent is allowed to pass to the other side.

## Publications

### **PARISHODH JOURNAL**

Submitted my research on EDA-LINEAR REGRESSION.

## Interests

Exploring new technologies,  
Designing great user interfaces,  
Playing cricket and chess, Listening to music

## Strengths

- Disciplined and focused
- Flexible and Versatile
- Quick Learner
- Smart working

## Extra-circular Activities

- Co-Ordinated as volunteer head in BALA MELA held by AP Govt. in association with Seva Bharathi.
- Volunteer in national level chess tournament held by AICF
- Co-Ordinated as Main organiser in National Youth day Event 2022
- Volunteered for National Youth Day in PSCMR CET for 2 consecutive years successfully.

## Organizations

### **Seva Bharati**

*national volunteer*

05/2020 – present | Vijayawada, India

## Declaration

I hereby declare that the above particulars of facts and information stated are correct to the best of my belief and knowledge