

# Bandaru Mounika Tulasi

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## Career Objective

Motivated and detail-oriented Electrical Engineering graduate with a passion for software and web development. Seeking an entry-level role as a Software or Front-End Developer to apply my technical skills and logical thinking in delivering efficient, scalable, and user-friendly solutions. Eager to contribute to dynamic teams that value learning, innovation, and collaboration

## Education

### Bachelor of Technology (B.Tech) – Electrical Engineering,

*Bonam Venkata Chalamayya Engineering College, Odalarevu*

CGPA:8.77

2021 – 2025

### Intermediate – MPC

Sidhartha Junior College, Kothapeta

Percentage:92.1 %

2019 – 2021

### Secondary School Education

Z.P.P Girls High School, Kothapeta

CGPA: 9.2

2019

## Technical Skills

- HTML/CSS/JavaScript
- Python (Core + Full Stack)
- Bootstrap
- MongoDB Basics
- SQL

## Projects

### Machine Learning-Based ANFIS Control for Power Quality Enhancement in Hybrid Micro Grids

Implemented a machine learning-based control system to optimize voltage regulation in a photovoltaic-wind hybrid microgrid. Replaced traditional IC-PI controllers with ML models for real-time voltage stability, better power distribution, and lower THD.

### Online Exam Portal with MCQs

Designed a full-featured exam portal supporting MCQ-based assessments. Enabled secure login, dynamic exam creation, automated grading, and result analysis.

## **Expense Tracker Web App**

Built a responsive web app using HTML, CSS, JavaScript, and Bootstrap for tracking personal expenses. Features include real-time summaries, category-based spending insights, and mobile-friendly design.

## **Internship Experience**

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### **Web Technologies & SQL Intern**

APSHE – HQL Edutech

- Gained practical exposure to web technologies and database management fundamentals.

### **Python Full Stack Development Intern,**

*Andhra Pradesh State Council of Higher Education – Talent Shine India Pvt. Ltd*

- Developed web-based modules using front-end and back-end technologies.

### **Python Full Stack Development Intern,**

*International Institute of Digital Technologies (IIDT) – BlackBucks Engineers*

- Built interactive applications, enhanced understanding of full stack workflows.

## **Certifications**

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- Sql & MongoDB – udemy
- Python Web Developer – Infosys Foundation Finishing School Program (ICT Academy)
- ServiceNow Certified System Administrator (CSA)

## **Languages Known**

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- Telugu (Native)
- English (Professional)
- Hindi (Conversational)

## **Soft Skills**

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- Problem Solving
- Team Collaboration
- Time Management
- Leadership

## **Interests**

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- Building Mini Projects
- Exploring New Technologies
- Traveling
- Watching Tech/Science Documentaries

## **Declaration**

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I hereby declare that the above information is true to the best of my knowledge and belief.