# KOTLA SAI DEEPAK

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## OBJECTIVE

Ambitious and detail-oriented graduate seeking a role where I can leverage my knowledge and skills to support innovative projects.

## EDUCATION

**Bachelor of Technology – Electrical & Electronics Engineering**
Dadi Institute of Engineering & Technology, Anakapalli, AP
July 2025 | CGPA: 7.6

**Diploma in Electrical & Electronics Engineering**
Sankethika Polytechnic College, Visakhapatnam, AP
September 2022 | CGPA: 8.3

**Secondary School Certificate**
Sai Deepthi High School, Visakhapatnam, AP
May 2019 | CGPA: 9.2

## SKILLS

- **Technical Skills:**
  C-language, Python, MATLAB, Machine Learning, MS Office (Excel, Word, PowerPoint), HTML
- **Soft Skills:**
  Communication, Teamwork, Problem-Solving, Adaptability

## PROJECTS

**Electrical Bicycle with Regenerative Braking**

- Developed an innovative E-bike integrating electric motor assistance with regenerative braking technology.
- Captures kinetic energy during braking, recharging the battery and enhancing efficiency.
- Provides a smoother ride, extends travel range, and promotes eco-friendly transportation.
- Technologies Used: MATLAB, Circuit Design, Battery Management Systems

## INTERNSHIPS

**Drone Technology – ICDT, Visakhapatnam, AP (May – July 2024)**

- ➢ Assisted in the inspection of towers and participated in project meetings.
- ➢ Gained hands-on experience in aerial survey techniques and drone-based analysis.

**APTRANSCO – VSEZ 132/33Kv Substation, Visakhapatnam, AP (Jun – Jul 2023)**

- ➢ Assisted in fault inspections and maintenance of transmission lines.

- ➢ Learned about power transmission safety and grid stability.

**APEPDCL – 33/11Kv Vidyut Sakha Substation, Visakhapatnam, AP (Mar – Sep 2022)**

- ➢ Assisted in metering, fault rectification, and power distribution maintenance.
- ➢ Developed skills in power system operations and troubleshooting.

## CERTIFICATIONS

- ➢ Surya Mitra Training Program – Skill Council for Green Jobs (Sep 2025)
- ➢ C-Language, Datapro (May 2025)
- ➢ Data Science, Infosys Springboard (May 2024)
- ➢ Advanced HTML Concepts, Infosys Springboard (April 2024)
- ➢ Machine Learning with Python, Infosys Springboard (March 2024)
- ➢ Fundamentals of Full Stack Development, ExcelR (January 2024)

## EXTRACURRICULAR ACTIVITIES

- ➢ Member, ISTE Student Branch
- ➢ Volunteer, DIET Literature and Cultural Club
- ➢ Participated in Technical Fests

## ADDITIONAL INFORMATION

**Languages:** English, Telugu, Hindi

**Hobbies:** Exploring New Technologies, Playing Chess, Drawing Arts

## DECLARATION

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

**Date:**
**Place:** Visakhapatnam, AP

[KOTLA SAI DEEPAK]