

# RAJ KONDE

BTECH CSE STUDENT

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## EDUCATION

### PIMPRI CHICNHWAD UNIVERSITY

Bachelor of Technology - CSE  
(2023-2027)

### KAMALNAYAN BAJAJ HSC

Higher Secondary School  
(2022-23)

### PRAJNANABODHINI

Secondary School  
(2021)

## SKILLS

- HTML CSS JAVASCRIPT
- PYTHON
- Technical writing
- Problem-solving
- Critical thinking
- Communication
- Creativity
- Project management

## CERTIFICATIONS

- Getting Started with Artificial Intelligence

## REFERENCES

- LinkedIn - [Rajkonde](#)
- GitHub - [Rajkonde4](#)



## SUMMARY

A passionate Front-End Developer and B.Tech CSE student with hands-on experience in Web Development, IoT, and AI. Skilled in HTML, CSS, JavaScript, React, and Python, with a proven ability to build interactive, user-centric applications and deliver polished, efficient solutions. Committed to continuous learning, innovation, and collaborating on impactful projects.

## PROJECTS

### ROBUST HYDRO-ENHANCED TRICKLE IRRIGATION SYSTEM

- Developed an automated irrigation system integrating humidity, flow, and pressure sensors to optimize watering for home gardening.
- Implemented solenoid valves to deliver precise water amounts based on soil moisture, reducing water wastage and manual intervention.
- Ensured efficient plant growth through timely and controlled irrigation, demonstrating practical application of IoT and sensor-based automation.

### REGIONAL SLANG RECOGNITION & SPELL CHECKER

- Developed a web application using Flask, Python, and NLP libraries to identify and correct regional slang words.
- Implemented text processing and language modeling techniques to improve accuracy and user experience.

### SMART IRRIGATION SYSTEM

- IoT-based automated plant watering system using ESP32, moisture sensors, and relays to monitor soil moisture and control irrigation, reducing water wastage and manual effort.