# VAKATI NANDHINI

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### **EDUCATION**

# Bachelor's degree in Electronics and Communication Engineering

PBR VITS, Kavali, Andhra pradesh

CGPA- 7.3 (2019-2023)

### INTERNSHIP EXPERIENCE

#### **Coincent APSIS Solutions**

Intern on IoT, Robotics & Embedded systems

(AUG 2022 - SEP 2022)

- Acquired virtual experience and practical knowledge in React framework during internship.
- Aim to transfer React skills into IoT, robotics, and embedded systems domains.
- Goal is to integrate frontend expertise with IoT and robotics to create impactful solutions.

## **PROJECTS**

#### A NOVEL METHOD OF ORS DETECTION USING TIME AND AMPLITUDE THRESHOLDS WITH STATISTICAL FALSE PEAK ELIMINATION (JAN 2023)

- Heartbeats' significance in medical science:
  - Crucial for studying heart ailment
  - Reveal details about heart problems and irregular rhythms.
- Challenges in ECG analysis:
  - Variations in QRS shape.
  - Low-frequency noise.
  - High-frequency noise.
  - Interference from P and T waves.
- Introduction of a new peak detection method:
  - Statistical false peak elimination.
  - Aims to suppress noise.
  - Adjusts to variations in ECG signal morphology.

### **CERTIFICATIONS**

- Certification of completion Front end development in HTML.
- I have got participating certificate on paper presentation on FINGER PRINT RECOGNITION SYSTEM in TECH HERTZ 2022.
- Participated and successfully completed the internship training program in IOT, ROBOTICS.2022

### **ACHIEVEMENTS**

- Actively organized various technical & non-technical events.
- Conducting several Quiz Programs in our college.

#### **SKILLS**

- Core java
- Basics: HTML, CSS
- Interpersonal skills