



PRADEEP R

UNDERGRADUATE ECE ENGINEER

My Contact

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Education Background

- **Sri Sairam Engineering College**
Bachelor Of Engineering – Electronics and Communication Engineering
CGPA : 8.17
- **S. M. S Vimal Matriculation Higher Secondary School**
Higher Secondary (HSC)
Percentage : 71% Completed in 2019
- **S. M. S Vimal Matriculation Higher Secondary School**
Secondary School Leaving Certificate (SSLC)
Percentage : 97% Completed in 2017

Technical Skills

- **Programming Language:** Python (Intermediate), C, HTML, CSS, JavaScript (Beginner)
- **EDA Software:** Autodesk Eagle, Proteus, Eagle, Pspice
- **COA:** MS OFFICE SUITE, Google G SUITE
- **Media Creation software:** Canva
- **Area of Interest:** Coding, Web development, Communication

Soft Skills

- Leadership
- Decision making
- Teamwork
- Time management
- Presentation skills

Professional Experience

- **Project Lead**, FALL DETECTION, MAR 2022.
- **Organizer**, SYMPOSIUM – Zenista, Jan 2021.
- **Student Volunteer**, ISTE, IEI, IETE, Dec 2021.
- **Student Representative**, Skill development Club, Code club, Cyber club

Objective

Motivated and enthusiastic Electronics and Communication Engineering Student aspiring to obtain a challenging role in a dynamic organization where I can leverage my technical skills and knowledge to contribute towards the growth of the company.

Internship Experience

- **PANTECH LEARNING | EMBEDDED SYSTEM ENGINEER**
Feb 2023 – Mar 2023 (virtual)
Skills Acquired: Circuit design, Hardware development
- **INTERNPE | PYTHON PROGRAMMING**
Feb 2024 – Mar 2024 (virtual)
Skills Acquired: Data Analysis, Machine Learning (Basics)

Projects

- **MINI PROJECT – POSTFALL DETECTION**
The system that identifies and reports instances of falls after they have occurred thus providing assistance and medical attention to elderly people reducing the severity of injuries.
- **MAJOR PROJECT – PREFALL DETECTION**
The system that aims to prevent falls by analyzing person's movements thereby providing early warnings especially for the people who are at the risk of falling.

Article Link: <http://lnkiy.in/ieesmartcities>

Publication Link:

<https://ieeexplore.ieee.org/document/10502620>

Achievements

- Winner in "Arcane2k23" – A National level symposium organized by Crescent University.
- Solveathon: Selected one among 54 teams and got opportunity to pitch in front of international start-up entrepreneurs.
- Ideathon: Our project got shortlisted one among 300 teams in entire institution.
- Innovathon: Finalist among 20 teams in the entire Sairam Institution.
- Published our paper for the project titled "A Lightweight Wearable Fall Detection System using Gait Analysis for Elderly" in IEEE.