

POORNAPRAGNA GB

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OBJECTIVE

Computer Science Engineering student with foundational knowledge in programming, data structures, and machine learning. Seeking an entry-level role to apply technical skills and contribute to impactful software solutions.

EDUCATION

Pre-University Course (PUC) – PCMB, 2020- 2022

S.R.S Pre University College Chitradurga

Bachelor of Computer Science Engineering, 2022 - 2026

Sahyadri college of engineering and management mangaluru

SKILLS

Technical Skills Python, C, C++, HTML, Java, SQL, React js ,Node js

Soft Skillst Teamwork, Communication, Problem-solving, Time Management

Developer Tools Git, GitHub, VS Code

PROJECTS

SenseBeyond:Deep learning for through wall detectiont

- Designed a real-time AI-powered sensing system using WiFi signals (CSI) to detect object presence through solid obstacles.
- Implemented deep learning models like CNNs and processing signal patterns.
- Focused on privacy-preserving surveillance for use in defense, disaster response, and smart infrastructure
- Tools & Tech: Python, TensorFlow, OpenCV, CSI Tools, Ubuntu, Raspberry Pi

Arecanut Quality Prediction Using Image Processing

- Developed an automated system to classify arecanut quality using image processing and Convolutional Neural Networks (CNNs).
 - Processed images to detect defects such as cracks and discoloration, enabling accurate grade prediction.
 - Achieved consistent, objective classification compared to manual inspection, improving pricing fairness for farmers
 - Tools & Tech: Python, OpenCV, CNN, TensorFlow, Keras
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CERTIFICATION

- Programming in C – Infosys Springboard
- Natural Language Processing (NLP) – Infosys Springboard
- Database Management Systems – Part 1 – Infosys Springboard
- Database Management Systems – Part 2 – Infosys Springboard
- Programming in Java – NPTEL
- CodeBlind Technology, Coimbatore – participation certificate.