PRAJWAL PRAVEEN SHETTY

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PROFILE

Seeking opportunities to apply theoretical knowledge and practical skills in a dynamic and challenging environment. Eager to contribute to projects that advance technology and improve communication systems. To land a job in an organization that offers a stimulating learning environment for developing and putting into practice new ideas for the company's development.

EDUCATION

B. Tech in Electronics and Communication Engineering 2021-2025
REVA University
Aggregated CGPA upto 8th Sem - 6.95

Senior Secondary (XII) 2019-2021
Excellent PU College, PCMB
Percentage obtained - 67.66%

Secondary (X) 2018-2019
Samuel Memorial High School
Percentage obtained - 73.12%

PROJECTS

SPEECH SIGNAL SEGMENTATION USING ZERO CROSSING RATE AND SHORT TIME ENERGY FOR SPEECH SYNTHESIS
Effective segmentation of speech signals remains a fundamental challenge in speech synthesis research. Recent advancements in signal processing techniques, particularly those leveraging zero crossing rate and short time energy, have emerged as promising alternatives to traditional methods. These approaches aim to enhance the accuracy and efficiency of speech segmentation, despite the persistent complexities involved.

DESIGN AND DEVELOPMENT OF ANPR SYSTEM FOR VEHICLE DETECTION AND TRAFFIC MANAGEMENT
Designed and developed an ANPR system for vehicle detection and traffic management using deep learning and OCR technologies. Implemented YOLO for license plate detection and Tesseract OCR for character recognition, enhancing accuracy and efficiency. The system supports applications in traffic law enforcement, toll collection, and smart city initiatives.

CERTIFICATIONS

Participated in the IACIS-2024 Conference and successfully presented a research paper. Contributed original insights to the field, fostering academic collaboration and discussions. Recognized for active engagement in conference activities.

TECHNICAL SKILLS

Programming: **C, JAVA.**

Hardware Description Languages: **Verilog, VHDL.**

Electronic Design Automation (EDA) Tools: **Cadence, Xilinx.**

Analog and Digital Electronics: **Amplifiers, Filters, Logic Gates.**

Embedded Systems Development: **Arduino.**

COMPETENCIES

- Leadership
- Establishing Focus
- Stress Management
- Forward Thinking