Furqan S. Bellary

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SUMMARY

Motivated 3rd-year Electronics and Communication Engineering student with a strong foundation in electronic systems and communication technologies. Proficient in C, C++, and Python, with basic knowledge of Data Structures and Algorithms (DSA). Familiar with Verilog basics and interested in digital design and semiconductor technologies. Quick learner with a passion for innovation and problem-solving.

Education

JSS Academy of Technical Eduction,   2022 - Present
BE in Electronics and communication Engineering

- CGPA: 8.26

Dr.RB Patil Mahesh PU College,   2021 - 2022
Pre-University Course

- percentage: 85.33

St.Anthony's Public School,   2019 - 2020
Central Board Of Secondary Education(CBSE)

- percentage: 61.8

Skills

Programming Languages:	C ,C++, Python ,Verilog
Databases:	MongoDB, SQL
Tools & Platforms:	Git ,GitHub

Projects

Animal Species Detection using Camera Trap   2024

- Developed a Raspberry Pi-based camera system for real-time animal detection, displaying identified species along with confidence scores to enable immediate recognition.
- Designed a user-friendly interface for monitoring and analyzing detection results in real-time
- Tools Used: python,OpenCV, tensorflow

Preventing Human-wild Animals Conflicts with AI   2025

- To detect and track wild animals near villages and agricultural fields, providing early warnings to prevent damage to crops, livestock, and human lives.
- Designed the system to operate autonomously in remote areas with limited resources, supporting wildlife conservation and rural protection efforts.
- Enabled early detection of potentially harmful animals (e.g., wild boars, elephants, predators) to prevent human-wildlife conflicts.
- Tools Used: Python, XOLO,Tensorflow

Certifications

- **DSA Supreme batch** – Codehelp(ongoing)
- **Python Essentials by CISCO**