

# Anusha S Biradar



+919480297689



[anusha.birader21@gmail.com](mailto:anusha.birader21@gmail.com)

## Education

**JSS Academy of Technical Education,Bangalore**

2022-2026

*Bachelor of Engineering in Electronics and Communication Engineering*

8.268 CGPA

**Base PU College,Bangalore**

2020-2022

*Pre University College(PCMC) ,State Board*

90.33%

**BGS National Public School,Bangalore**

2010-2020

*School,CBSE Board*

92.66%

## Projects

- **Power Generation Through Footsteps**

*Matlab simulink,dymola,Python*

Simulated power generation through footsteps using MATLAB and Dymola, displaying the number of footsteps and energy produced per step. Conducted graphical analysis to visualize total power generated, enhancing understanding of energy harvesting efficiency.

- Animal Detection in Camera Trap Images

Developed a smart camera that uses python-based code that consists of pre-trained TensorFlow models(saved network that was previously trained on a large dataset). The Classification wireless camera helps us in the monitoring and surveillance of forests.

## Certifications

- **Workshop on Full stack web development**,Prinston Smart Engineers December 9,2023
- **Object-Oriented Programming Onramp**, Mathworks November 18,2024
- **MATLAB Onramp**,Mathworks January 28,2024

## Skills

- **Programming Language**-C,C++,Python,HTML,CSS,Verilog,8051 assembly language
- **Database**-MySQL,VS Code,MongoDB,Keil,Cadence
- **Technical Proficiencies**-Data Structures,Algorithms,OOPS,VLSI Design,Circuit Analysis
- **Soft skills**-Communication ,Teamwork,Problem-Solving & Critical Thinking,Innovation & Creativity
- **Hobbies**-Designing and testing circuits,Coding,Volunteering in tech workshops,Fitness(gym),Fashion team member