



# KSHIRIN SHETTY

Bengaluru, India

✉ [kshirinshetty1@gmail.com](mailto:kshirinshetty1@gmail.com)

in [Kshirin Shetty](#)

🌐 [kshirinshetty](#)

## EDUCATION

### PES University

*B.Tech Computer Science Engineering, 3rd Semester 8.09/ 10.0 GPA.*

**August 2023 – Present**

*Bengaluru, India*

**Relevant Coursework/Skills:** Data Structures & Algorithms, Web Technology, Automata Formal Language and Logic, Statistics for Data science.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, JavaScript

**Machine Learning:** Scikit-learn, TensorFlow, PyTorch, Neural Networks, Generative AI, Convolutional Neural Networks, Generative Adversarial Networks, Recurrent Neural Network

**Developer Tools:** Git, VS Code

**Technologies/Frameworks:** ReactJS, NodeJS, MongoDB

## EXPERIENCE

### Centre for Artificial Intelligence and Robotics (CAIR)

**June 2024 – July 2024**

*Student Trainee Intern*

*Bengaluru, India*

- Studied the development and implementation of the **day and night maps project**, understanding the methods and tools used in its creation.
- Gained insights into how computational techniques were applied to solve problems related to data representation and visualization, improving my understanding of real world-AI applications
- 

## PROJECTS

### Footpath Encroachment Detection System

*Real-Time Vehicle Detection Using YOLOv8*

- Implemented a real-time detection system using YOLOv8 to identify vehicles encroaching on footpaths, enhancing pedestrian safety in urban areas.
- Developed a custom Convolutional Neural Network (CNN) for vehicle detection as part of the project, exploring various architectures and achieving high accuracy on limited datasets.
- Utilized the pre-trained YOLOv8 model for robust detection of diverse vehicle types, including two-wheelers, in complex urban environments, leveraging its real-time capabilities.

## INVOLVEMENT

### Neural Hive - AI/ML Club of PES University - Technical Member

- AI/ML Club of PESU-ECC, actively involved in workshops, competitions, and learning machine learning and data science.

### Hackerspace - Developer Community at PES University

- Student-powered developer community hosting hands-on workshops, tech talks, and discussions across a wide range of technical domains.

### Entrepreneurship Club - PES University

- Peer network of students inclined towards entrepreneurship, connecting members with relevant stakeholders through events, associations, and more.