POOJA Email: poojaprakashv7@gmail.com

LinkedIn: https://www.linkedin.com/in/pooja-prakash-0b70b1266/

Github: https://github.com/Poojaprakash12/pooja

EDUCATION

CMR Institute of Technology

Bangalore, India

Bachelors of Engineering:

Electronics and Communication Engineering; CGPA: 8.76

Pramana P U College

Science; 75%
SR Sukhani Co-Education High School

95.8%

December 2021 - August 2025

Raichur, India

March 2019

Raichur, India

April 2017

SKILLS SUMMARY

• Languages: JAVA (beginner), python(beginner), Arduino(beginner)

• Software: Figma, MATLAB, Eclipse IDE, VS code, OpenCV, Pytorch

Database: MySQL(beginner)

• Technologies: Deep Learning(beginner), NLP (beginner)

WORK EXPERIENCE

UI/UX INTERN | VARCONS TECHNOLOGIES PVT LTD | LINK

October 2023 - December 2023

- Worked and Tested designs with real people to get feedback and used Figma tools to
 make quick changes and improve the designs. I Stayed updated on new design trends in
 Figma, suggesting and trying out new things to make our work even better.
- This internship helped me get hands-on experience using Figma to make cool designs and work better with a team.

MACHINE LEARNING INTERN | LINK

July 2024 – August 2024

- During my internship, I developed and refined machine learning models to address complex problems, leveraging popular libraries and frameworks such as TensorFlow, Pytorch, and Scikitlearn.
- I collaborated with cross-functional teams to integrate machine learning models into production systems, ensuring deployment & effective communication of technical results to stakeholders.

PROJECTS

Project 1 (Major Project)

- <u>Title</u>: <u>Vanguard</u> -A high risk surveillance bot
- <u>Tools used</u>: IR sensors, Motors, Castor wheel, ESP32 Microcontroller, DC voltage supply, OpenCV, shortest path algorithm, Machine Learning and ML model (YOLO)
- <u>Description:</u> Utilizing state-of-the-art technologies such as OpenCV and Machine Learning, Vanguard excels in real-time event detection and classification with pinpoint accuracy.

Project 2 (Mini Project)

- Title: Detection of honeybees in a colony of bees through Deep Learning algorithm.
- <u>Description:</u> Designed and implemented a cutting-edge Deep Learning algorithm to accurately identify and detect honeybees within a colony
- <u>Tools used:</u> CNNs (Convolutional Neural Networks), OpenCV.

CERTIFICATIONS

Programming in Java (NPTEL) | CERTIFICATE

- Mastered fundamental Java syntax, proficiently utilizing control flows, loops and data structures
- Acquired expertise in procedural programming paradigms and associated logical concepts.