



POOJA

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EDUCATION

B.E	CMR Institute of Technology, Bangalore	2025	8.76/10 CGPA
XII	Pramana P U College, Raichur	2019	75.33%
x	S R Sukhani High School, Raichur	2017	95.6%

SKILLS SUMMARY

- **Languages:** JAVA (beginner), python(beginner), Arduino(beginner)
- **Software:** Figma, MATLAB, Eclipse IDE, VS code
- **Machine Learning:** OpenCV, Pytorch, YOLO, CNNs, Scikit-learn
- **Database:** MySQL(beginner)
- **Technologies:** Deep Learning(beginner), NLP (beginner)
- **Cloud Platforms:** AWS(beginner), Azure(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 Scikit-learn.
- I collaborated with cross-functional teams to integrate machine learning models into production systems, ensuring deployment & effective communication of technical results to stakeholders.

PROJECTS

VANGUARD- A HIGH RISK SURVEILLANCE BOT

- Tools used: IR sensors, Motors, Castor wheel, ESP32 Microcontroller, DC voltage supply, OpenCV, shortest path algorithm, Machine Learning and ML model (YOLO)
- Description: Utilizing state-of-the-art technologies such as OpenCV and Machine Learning, Vanguard excels in real-time event detection and classification with pinpoint accuracy.
- Learning Outcome: Gained hands on experience in Machine learning through pre-trained models such as YOLO.I also understood the implementation of algorithms.

HONEYBEE DETECTION

- Title: Detection of honeybees in a colony of bees through Deep Learning algorithm.
- Description: Designed and implemented a cutting-edge Deep Learning algorithm to accurately identify and detect honeybees within a colony
- Tools used: 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.