Subitha M

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https://github.com/subitha1007

SUMMARY

Motivated Machine Learning enthusiast with hands-on experience in **AI, Computer Vision, and Data Science**. Proficient in **Python, OpenCV, and ML algorithms** with a passion for solving real-world problems through AI-driven solutions. Seeking opportunities to contribute my expertise in backend development and AI-driven applications.

SKILLS

- **Programming Languages:** Java, Python
- **Web Technologies:** HTML, CSS
- **Machine Learning & AI:** Computer Vision, Machine Learning, OpenCV, ML Algorithms, Deep Learning
- **Data Analysis:** NumPy, Pandas
- **Development Tools:** Visual Studio Code, Eclipse
- **Soft Skills:** Communication (Tamil, English)

WORK EXPERIENCE

Edutantr | *AI/Data Science Intern* *Bangalore* | **10/2024-12/2024**

- **Developed a real-time face recognition system using OpenCV, achieving 92% accuracy**, improving security applications.
- **Optimized ML models** to process **real-time video feeds**, reducing false positives by **15%**.
- Applied **feature extraction techniques** to **enhance AI model performance**.

Ecesis BPO Services Pvt Ltd | *Customer Service Representative* *Nagercoil* | **06/2022-10/2023**

- Managed **customer inquiries and troubleshooting**, ensuring a 95% resolution rate.
- Documented and maintained **customer service records** for process improvement.

EDUCATION

Bachelor of Engineering in Electronics and Communication *Kanyakumari* | **06/2017-04/2021**
Rohini College of Engineering and Technology | **CGPA: 75%**

- **Relevant Coursework:** Machine Learning, Data Science, Image Processing
- **Key Projects:** CNN-based Kidney Lesion Detection (Final Year Project)

LICENSES & CERTIFICATIONS

Edutantr | *AI/Data Science* Certification *Bangalore* | **10/2024 -12/2024**

- **Covered Supervised & Unsupervised Learning, OpenCV, Deep Learning.**
- Built AI models for **image recognition and data processing**.

PROJECTS

Vehicle Tracking and Detection **Dec 2024**

- Built a **real-time vehicle detection and tracking system** using **OpenCV & Python**.
- Processed **real-time video feeds** to identify and track moving vehicles.
- Applied **Machine Learning techniques** to enhance detection accuracy.

CNN with PPM based Kidney Lesion Detection **01/2021-04/2021**

- Developed a **Convolutional Neural Network (CNN) with Pyramid Pooling Module (PPM)** for Kidney Lesion Detection.
- Analyzed **CT images** to accurately locate and diagnose kidney lesions.