

AYUSH MANISH PILLAY

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OBJECTIVE

As a **Computer Science and Engineering** student with a passion for solving complex problems through technology, I aim to contribute to innovative AI and web development projects. I am skilled in collaborating within teams and committed to delivering high-quality solutions on time. With a solid CSE background and a keen interest in industry trends, I am eager to apply my skills to make meaningful contributions.

EDUCATION

Deeksha Jnana Sweekar

12th std Karnataka PU Board- 82%

08 2019 – 05 2021

Bengaluru, India

Jyothy Institute of Technology

Bachelor Of Engineering (CSE) - CGPA - 8.6

11 2021 – Present

Bengaluru, India

TECHNICAL SKILLS

Programming Languages: C, C++, Python.

Frameworks: ReactJS, NextJS, Django, TensorFlow, RASA.

Databases: MySQL, MongoDB.

Developer Tools: VS Code, Visual Studio, Unreal Engine 5, Eclipse.

Version Control: Git, GitHub.

PROJECTS

RASA Chatbot

2024

- Developed a chatbot for 5th-semester CSE students to assist with AIML topics.
- Implemented OCR to extract text from uploaded images of study materials.
- Utilized NLP and LLM to provide relevant answers from the extracted text data.
- Designed the chatbot for continuous improvement through user feedback and data updates.

Driver Drowsiness Detection

2024

- Monitor driver alertness using computer vision.
- Includes real-time eye-tracking, drowsiness detection, and status alerts.
- Utilizes OpenCV, Dlib, and Python for facial landmark detection.
- Aims to prevent accidents and enhance road safety.

License Plate Recognition System

2024

- Develop a Number Plate Recognition (NPR) system using computer vision.
- Enables detection and recognition of vehicle number plates from images.
- Utilizes OpenCV for image processing and Tesseract for optical character recognition.
- Aims to enhance traffic management and law enforcement efficiency.

CERTIFICATION

- Python Programming Workshop by Tequed Lab
- Introduction to Artificial Intelligence (IBM)
- Introduction to cybersecurity and attacks (IBM)
- RHCSA Skill Internship by college
- RHCSA-EX200

Jul 2022

Feb 2024

May 2023

Oct 2022

Provider: RedHat

Date: December 2023

Verify Certificate: [Red Hat Certificate](#)