Mukesh M

ML Engineer Intern

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EDUCATION

CANARA ENGINEERING COLLEGE

BE IN AIML
Expected June 2026 | CGPA:7.17 / 10.0

ST. ALOYSIUS PU COLLEGE

Computer Science
Grad. May 2022 | Cum Per : 69.9

LINKS

Github://mukkss
LinkedIn://mukesh

SKILLS

PROGRAMMING

Advanced:
HTML • CSS • Python • C • MySQL • Git
Intermediate:
• JavaScript • C++ • Flask • Figma • OpenCv
Familiar:
TensorFlow • MongoDB • ReactJS
•Scikit-Learn • Pytorch • Docker

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Deep Learning
Machine Learning

INTERESTS

TECHNICAL
Robotics • Block Chain • Full stack • Machine Learning
• Internet of Things
NON-TECHNICAL
Guitar • Content Writing • Editing
• Networking •BasketBall

RESPONSIBILITIES

•Mini-project Team Lead

AWARDS

2024 Top 50/650 Infothon2.0(24hrs Hackathon)
2024 Top 5 Yukthi CodeCombat
2023 Top 20 Roolathon(24hrs Hackathon)

EXPERIENCE

CODSOFT | INTERN

10/2024 - Present | India
ARTIFICIAL INTELLIGENCE

- Built the backend and core functioning for face detection and recognition using Python, OpenCV, dlib, and machine learning algorithms.
- Developed and implemented a recommendation system using collaborative filtering and content-based filtering techniques, leveraging Python, scikit-learn, and a MySQL database.
- Designed and developed an image captioning system using deep learning techniques, specifically Convolutional Neural Networks (CNNs) and Recurrent Neural Networks (RNNs) with Long Short-Term Memory (LSTM), to generate accurate and contextually relevant captions for images.

PROJECTS

AruVision (Ongoing)

PYTHON | OPENGL | OPENCV

- Developed a system to detect and track ArUco markers in real-time, enabling precise marker-based augmented reality experiences.
- Implemented robust marker recognition and pose estimation algorithms, allowing seamless integration with various applications.
- Optimized the system for high-performance processing, ensuring accurate detection even in challenging environments.

ProctorX (Ongoing)

PYTHON | MEDAIPIPE | OPENCV

- Created a cutting-edge proctoring system that monitors exams in real-time to ensure academic integrity.
- Integrated sophisticated algorithms for detecting unauthorized activities and maintaining secure test conditions. Fine-tuned the system for high accuracy and reliability, even in diverse testing scenarios, providing robust and effective supervision.