Murasif Mushtaq

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LinkedIn | Github | Portfolio

EDUCATION

- **Baba Ghulam Shah Badshah University Rajouri**
  - o Bachelor of Technology in Computer Science and Engineering, 2020-2024.
  - o Current CGPA: 7.8
- **New Dream Land Educational Institute, Ganderbal, J&K**
  - o Higher Secondary (10+2)
  - o Year of Completion: 2019
  - o Percentage: 69%
- **New Dream Land Educational Institute, Ganderbal, J&K**
  - o Higher Secondary (10th Grade)
  - o Year of Completion: 2017
  - o Percentage: 85%

Profile

Motivated and dedicated software developer with a strong foundation in machine learning, computer vision and platform development. Passionate about learning and tackling complex problems, I am eager to contribute to innovative teams and excited to start my career and take on new challenges.

PROJECTS

Smart Fatigue Analysis of Workers Using Gait Sequences – Django, Mediapipe, TensorFlow, JS,
- Created a non-intrusive system to detect worker fatigue using gait analysis.
- Used Mediapipe for pose estimation and TensorFlow for fatigue and worker recognition models.
- Implemented in Django with OpenCV for real-time video processing.

Mess Management System – HTML, CSS, JS, Bootstrap, SQLite, Django, AWS
- A mess management system is a web-application that helps to manage and automate the mess operations in an organization or institution.
- The purpose of this application is to automatize the hostel mess functionality and provide both the user and the admin a smart platform to interact with each other.
- The frontend of the application uses HTML, CSS, JS and Bootstrap to create a user interface that allows both the students and Mess Staff interact with the functionalities of Mess.

Other Projects:
- Depression Detection Using Sentimental Analysis.
- Django Blog Application.
- D3 Travels Website.

Skills and Technologies

- ➢ **Python Development:** Strong development experience using Python and proficient in debugging with PyCharm and VSCode.
- ➢ **API Development:** Strong foundation in developing APIs using Flask, Django, Tornado, and FASTAPI frameworks.
- ➢ **Cloud Computing:** Familiarity with AWS services and experience in leveraging cloud resources for application development.
- ➢ **Data Analysis:** Familiarity with Pandas and NumPy for data analysis and manipulation.