MAHAMMAD MUSTAFA RAVIKALA

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EDUCATION

Siddharth Institute of Engineering and Technology — Puttur, AP
B.TECH in CSE, Aggregate:8.71 CGPA — 2021 – 2024

Narayana Institute of Diploma in Engineering and Technology — Tadipatri, AP
Diploma (EEE), Aggregate: 81.38% — 2019 – 2020

SSC Sai Sri EM High School — Tadipatri, AP
State(Class X), Aggregate: 85% — 2016 – 2017

SKILLS SUMMARY

Languages: Python, Basic Java, SQL, HTML, CSS
Frameworks: Django
Tools: VS Code, Sublime text, Excel, PowerPoint, MySQL
Libraries: Pandas, NumPy, Matplotlib, OpenCV
Soft Skills: Communication, Teamwork, Adaptability, Time Management, Leadership

EXPERIENCE

Faurecia Interior Systems, Team Leader — Ammavarupalli, AP — Mar 2019 to Mar 2021

- Successfully transitioned from a Trainee to a Team Leader within two years, demonstrating strong leadership and technical skills.
- Led a team of 12 members, overseeing daily operations and ensuring adherence to company standards and procedures

PROJECTS

1. Portfolio Website

- **Description:** Developed a personal portfolio website using Django, showcasing professional work, projects, and skills.
- **Key Features:**
  - Implemented responsive design using HTML, CSS, and Bootstrap.
  - Deployed the website on Netlify.
- **Technologies :** Django Framework, HTML, CSS, JavaScript, Bootstrap

2.CRUD Operations Project

- **Description:** Created a web application to with full CRUD (Create, Read, Update, Delete) functionality.
- **Key Features:**
  - Designed and implemented using Django Framework.
  - Utilized MySQL for database management.
- **Technologies :** Django Framework, MySQL, HTML, CSS, JavaScript

GARBAGE CLASSIFICATION SYSTEM USING CNN — MAR - 2024

Developed a machine learning model using Convolutional Neural Networks (CNNs) to classify and sort 5+ types of garbage, increasing waste management efficiency by 40% and reducing sorting time by 25%. Designed and implemented a CNN model with multiple convolutional and pooling layers to extract features from images. Fine-tuned hyperparameters such as learning rate, batch size, and number of epochs to optimize model accuracy . Trained the model on a labeled dataset, achieving an accuracy . Evaluated the model using precision, recall, F1 score, and confusion matrix to ensure robust performance across all classes.

Technologies: Python, TensorFlow, Keras, Open CV, Flask.

CERTIFICATIONS

1.Python Full Stack Developer Certification – AUG 2024

2. Won 2nd prize in **"VISUAL EFFECTS(VFX)"** Conducted by the **"SFX Animation Academy" .**

3. Certificate of Completion in **"2D & 3D ANIMATION DESIGN"** Conducted by the **"SFX Animation Academy"**