DAANISH ISLAM

COMPUTER ENGINEER

CONTACT

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SKILLS

Technical Skills

C++ , Python , HTML , CSS , Machine Learning

Collaborative and Soft Skills

Teamwork , Communication , Time Management , Leadership

EDUCATION

Birla Institute of Technology, Mesra

Computer Science and Engineering | B.Tech

November 2020 - Present

CGPA obtained: 8.25

International Indian School, Dammam

Class 12 | Science Stream

June 2019 - April 2020

Percentage obtained: 90%

International Indian School, Dammam

Class 10 | Science Stream

June 2017 - May 2018

Percentage obtained: 89%

PROFILE

As a final-year Computer Engineering student, I am fascinated to the process of discovering new ways to solve problems through programming and have a knack for problem solving in DSA. My goal is to contribute towards significant developments in technology while remaining committed to continuous improvement. I am determined to contribute effectively to a professional organization by bringing my passion and abilities.

WORK EXPERIENCE

Software Developer (Intern)

Unisis Solutions, Saudi Arabia — May 2023 - July 2023

- Worked on Project: **Enhancing User Experience in OXARD ERP System**
- Used Angular Framework to design and implement a dynamic context menu and favorite table feature, which improved user navigation and access to essential modules.
- Maintained uniformity, attractive design and TypeScript for type-checked code.
- Leveraged the use of DOM Manipulation for real-time changes, improving user interactions inside the ERP system.
- Delivered a user-centered solution, increasing user happiness and productivity inside the OXARD ERP system.
- **TECH STACK**: Angular, TypeScript, MS SQL, HTTPs API.

PROJECT

Automated Image Categorization using Machine Learning and Deep Learning Techniques

- Automated image categorization through machine learning, utilizing clustering and dimensionality reduction techniques for efficient dataset organization.
- Developed image preprocessing workflows, employing pre-trained models (ResNet50, VGG16, InceptionV3) to extract pertinent features, ensuring accurate categorization.
- Implemented advanced dimensionality reduction via Principal Component Analysis (PCA), optimizing the handling of high-dimensional feature vectors.

Currency Converter using Python and Flask

- Created using Python Program with Flask web framework.
- Used Api Call to track currency rates.
- converting to the required currency by taking USD as base rate value.