TANISHQ ANAND

India | +91 8449822809 | tanand_be20@thapar.edu | **[Github](#)** | **[Linkedin](#)**

EDUCATION

Thapar Institute of Engineering and Technology, Patiala   2020-2024
Bachelor of Technology in Computer Engineering
Currently in fourth year (7.02 CGPA)

SENIOR SECONDARY SCHOOL

Dewan Public School, Meerut (8.0 CGPA)   2018-2020

SECONDARY SCHOOL

Dewan Public School, Meerut (8.8 CGPA)   2008-2018

PROJECTS

WEB DEVELOPMENT | HTML, CSS, Bootstrap, JavaScript, MERN Stack

- PORTFOLIO (Designed and developed a sleek and modern portfolio website. This dynamic website showcases my projects, skills, and achievements, providing an engaging user experience. By combining my technical expertise with creative design, I crafted a visually appealing platform to highlight my professional profile.)

- E-COMMERCE WEBSITE (Developed a fully functional e-commerce platform using the MERN stack, inspired by Amazon. This project demonstrates my proficiency in full-stack web development, including user authentication, product listings and shopping cart functionality. By implementing modern development practices and integrating third-party APIs, I created a scalable and responsive web application .)

MACHINE/ DEEP LEARNING | Python, Pandas, Numpy, Open cv, Yolo, Seaborn

- ROCK VS MINE PREDICTOR(Implemented a machine learning model to classify underwater objects as either rocks or mines based on sonar data. Preprocessed the data by handling missing values and scaling numerical features. Applied dimensionality reduction using (PCA) to improve model performance. Trained and evaluated multiple classification algorithms including Logistic Regression, Random Forest, Decision Tree, Gaussian Naive Bayes, KNN and SVM. Tuned the hyperparameters of the best-performing model using GridSearchCV)

- FACE MASK DETECTION(Developed a machine learning-based face mask detection system using YOLOv7 and deep learning techniques. Utilized a diverse dataset of images to train the model, and converted annotations to YOLO format for efficient object detection. Achieved accurate real-time detection of face masks with a high degree of precision and recall.)

For further projects you may check(https://github.com/Tanishq0055?tab=repositories)

SKILL SET

- **Programming languages**   C, C++, Python, Java
- **Database management system** My SQL, Oracle, MongoDB
- **Web development**   HTML, CSS, JavaScript, MERN Stack
- **Libraries/Frameworks**   Pandas, Numpy, Seaborn, Scikit-learn, OpenCv
- **Machine learning**   Regression, Classification, Clustering, Neural Networks
- **Soft skills**   Communication, Analytical, Problem solving, Teamwork
- **Languages**   English and Hindi Full professional proficiency

CERTIFICATION

- AWS Academy Machine Learning Foundations via AWS
- Mastering PL/SQL via Udemy
- Simplified approach to DBMS via Udemy
- Artificial Intelligence via T.I.E.T
- Computer Programming via T.I.E.T

For further certificates you may check
(https://drive.google.com/drive/folders/1cpA0bcFxvk8ibbHtGJi214CCfRSREwN8?usp=sharing)