

# TANISHQ ANAND

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## EDUCATION

### Bachelor of Technology in Computer Engineering

Thapar Institute of Engineering and Technology, Patiala

2020-2024

Currently in fourth year 7.15 CGPA

### SENIOR SECONDARY SCHOOL

Dewan Public School, Meerut 8.0 CGPA

2018-2020

### SECONDARY SCHOOL

Dewan Public School, Meerut 8.8 CGPA

2008-2018

## EXPERIENCE

### CHEGG INDIA

ONLINE

Subject expert

Aug 2022-Dec 2022

- As a Subject Expert in Coding Computer Science at Chegg India, I played a pivotal role in delivering high-quality educational support to students worldwide.
- This position afforded me the opportunity to contribute my expertise in computer science and coding while nurturing my skills in online education and mentorship.

## PROJECTS

[LINK](#)

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

- PORTFOLIO** - Designed and Created a sleek and modern portfolio website. This website showcases my projects, skills, and achievements, providing an engaging user experience.
- 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.

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

- ROCK VS MINE PREDICTOR**- Implemented a ML model to classify underwater objects as either rocks or mines based on sonar data. Pre-processed the data, Applied dimensionality reduction using PCA, Trained and evaluated multiple classification using 5 different algorithms and Tuned the hyperparameters .
- 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. Achieved accurate real-time detection with a high degree of precision and recall.

## CERTIFICATION

[LINK](#)

- Academy Machine Learning Foundations via AWS
- Data Structure in C++ via Coding Ninjas
- Simplified approach to DBMS via Udemy
- Artificial Intelligence via T.I.E.T

## SKILL SET

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