

ANSHU DINESH DUBEY

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Education

Vellore Institute of Technology	Oct 2022-Present
B.Tech. in Computer Sci. Engineering, CGPA: 8.91/10	
Maharashtra HSC Board, Class XII - 91.5%	Jul 2021
CBSE, Class X - 90%	May 2019

Skills

Language: Java, C++, Python, JavaScript **Web:** HTML, CSS, ReactJS, Node.js, Express.js **Databases:** MySQL, MongoDB
Tools & Platforms: Git, Postman, Jupyter, JWT **Concepts:** Data Structures and Algorithms, OOPs, Operating Systems, Computer Networks, DBMS, Machine Learning **Others:** TensorFlow.js, REST APIs.

Projects

Muhafiz – MERN Stack + ML / AI-Powered Proctoring Solution

- Developed a secure remote exam monitoring system using **TensorFlow.js** for face and voice activity detection.
- Implemented **tab switch**, **fullscreen lock**, **voice detection** and **multiple face detection** with real-time admin analytics.
- Scalable backend with **Express.js**, **MongoDB**, and JWT-based user roles for authentication and access control.
- Tools:** React.js, Node.js, Express, MongoDB, TensorFlow.js, XML, CSS.

SpendSmart – MERN Full Stack / Personal Finance Tracker

- Designed an intuitive, component-based interface with ReactJS, providing users with efficient and seamless financial insights.
- Built a financial management tool on Windows, enabling personalized budgeting and **real-time expense tracking**, authored a scalable backend using Node.js, Express, and MongoDB to manage secure, high performance data storage.
- Tools:** React.js, Node.js, Express.js, MongoDB, CSS, XML, JWT, REST APIs.

Page Pilot – Python-Based Book Recommendation System

- Built a recommendation model using **popularity-based**, **collaborative**, and **content-based filtering** using Pandas and Scikit-learn.
- Preprocessed and analyzed large-scale datasets of user ratings and metadata to ensure accurate and scalable suggestions.
- Tools:** Python, Pandas, NumPy, Scikit-learn, Jupyter Notebook.

Certifications

Salesforce Virtual Internship, Salesforce partnered by Ethnus	Jan-April 2025
Blockchain Developer, IBM	March 2025
Foundation Of Digital Marketing and E-Commerce, Google via Coursera	Dec 2023

Cocurricular Activities

- More than 300 problems solved on GeeksforGeeks.
- 5-Star on Java Programming on HackerRank.
- Participated in many Hackathons.

Extracurricular Activities

Social Media Manager, Dr.CricPoint	Mar 2024 -June 2025
<ul style="list-style-type: none">Collaborated with cross-functional teams to develop visually compelling and message-driven campaigns and leveraged analytics tools to track KPIs and adjust strategy, improving overall content reach and interaction rates by 250%.Facilitated successful brand collaborations with emerging sportswear and gaming startups, contributing to a 300% increase in sponsored content revenue.	
Hospitality Team, AdvITya 2024	Feb 2024
<ul style="list-style-type: none">Organized and managed hospitality arrangements, ensuring high standards of service and comfort for all attendees.Coordinated with cross-functional teams to meet event timelines while maintaining a professional environment aligned with the event's theme.	