

# ANSHU DINESH DUBEY

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## Education

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

## Skills

**Language:** Java, C++, Python, JavaScript **Web:** HTML, CSS, React.js, 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

- 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

- 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.