Pawankumar Pandey

 +91 959563446   ✉ pawanpandey86.20@gmail.com   Portfolio   LinkedIn   Github   Leetcode

Education

University of Mumbai	July 2021 - June 2025
B.E: Information Technology (IT)	*CGPA: 9.24*

University of Mumbai	July 2019 - May 2021
Higher Secondary School Certificate (IT)	*Percentage: 95.00%*

Projects

Videohut | *Node.js, Express.js, MongoDB, JWT, Cloudinary, bcrypt, multer, Postman*   Github

- Engineered a scalable backend system tailored for **video-centered tweets**, empowering users to upload videos and engage through comments and reactions.
- Implemented secure **JWT-based authorization** for user account management, incorporating email confirmation and token refresh mechanisms.
- Designed data structures in **MongoDB** to efficiently handle user details, video posts, and interactions.
- Integrated **Cloudinary** to facilitate smooth multimedia uploads and enhanced content handling.

AI-Driven Search Engine | *FastAPI, Google Drive API, Mistral AI, FAISS, Langchain*   Github

- Built a **FastAPI**-powered application that integrates **Google Drive API** to retrieve files from designated folders for dynamic content-based search.
- Implemented document parsing and intelligent retrieval with **FAISS** and **Langchain**, enabling precise user query processing.
- Utilized **Mistral AI** to deliver AI-enhanced responses based on file contents stored in **Google Drive**, ensuring search accuracy and relevance.
- Set up and optimized Google Cloud along with **Mistral AI tools** for smooth operation and integration.

Expense Tracker App | *React, CSS Bootstrap, Ant Design, Node.js, Express, MongoDB*   Github

- Designed a web application for efficient tracking and categorization of expenses.
- Integrated robust **authentication mechanisms** for secure access.
- Leveraged MongoDB to ensure dependable data storage and retrieval for expense records.
- Currently supporting **[05]** users, the application features user onboarding, session management, and live analytics for better financial insights.
- Live Demo here.

Technical Skills

Programming Languages: Java, Javascript, SQL
Technology: HTML5, CSS3, Cloudinary
Frameworks/Library: ReactJS, Node.js, Express, MongoDB, Bootstrap, Tailwind, Socket.IO, AntDesign, JWT
Databases: MySQL, NoSQL
Version Control: Git, GitHub, Postman
Core Subjects: Data Structure and Algorithm, DBMS, OOPS, Operating System

Achievements

- Solved **450+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and **GFG**.
- Contest Rating: **1739 @Codestudio**
- Successfully Completed **240** hours of service in NSS over a period of 2 years.