

KUNDAN KUMAR DUBEY

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@kundan-kumar



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SUMMARY

Aspiring Software Development Engineer with hands-on experience in full-stack development using MERN and PERN stacks. Strong foundation in data structures and algorithms (150+ **LeetCode** problems solved) and practical experience in machine learning and AI/ML using Python, scikit-learn, Pandas, NumPy, and Streamlit. Passionate about clean code, scalable backend architectures, and building real-world AI-integrated applications.

SKILLS

- Programming Languages: C, C++, Java, Python, JavaScript
- Frontend: HTML, CSS, JavaScript, React.js
- Backend & Databases: Node.js, Express.js, MongoDB, PostgreSQL (Neon)
- Data Structures & Algorithms: Arrays, Linked Lists, Recursion, Backtracking, Graphs; solved 150+ LeetCode problems; strong problem-solving and code efficiency in C++
- Machine Learning & Data Science: Python, Pandas, NumPy, scikit-learn, Streamlit; data cleaning, feature engineering, model training, evaluation, and web deployment

EDUCATION

- Computer Engineering | Vellore Institute of Technology, Amravati. CGPA-7.95 | (Sep'23-May'27)
- XII(CBSE) | Narayana School, Haldia 85% | 2023
- X(CBSE) | Narayana School, Haldia 92% | 2021

PROJECTS

◆ WonderTravels – Full-Stack Travel Sharing App

Developed a content-sharing platform using Node.js, Express, and MongoDB with EJS templating. Implemented user authentication, image uploads (Multer), and role-based access for note posting and deletion. Integrated comment system and structured RESTful APIs for scalable routing. **Link**

◆ Ford Car Price Predictor | Python, scikit-learn, Streamlit

- Built and deployed a Linear Regression model to predict Ford car prices based on features like model, transmission, mileage, fuel type, tax, MPG, and engine size.
- Performed data cleaning, feature encoding, scaling, and EDA; achieved R^2 Score \approx 83%.
- Deployed a live interactive web app using Streamlit: **Link**

◆ QuickAi – AI SaaS Platform

Built a full-stack AI SaaS application called QuickAi using React, Node.js, Express, PostgreSQL (Neon), and Cloudinary. Integrated Gemini AI to provide advanced features like article generation, blog title suggestions, text summarization, and resume review with constructive feedback. Developed image processing tools including background and object removal with downloadable output. Implemented user authentication and premium subscription features using Clerk with demo card payments. Designed a responsive dashboard displaying user creations and active plans, and deployed the app on Vercel. **Link**