

YATENDRA PACHORI

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🌐 [Codeforces](#)

🌐 [LeetCode](#)

🌐 [LinkedIn](#)

🌐 [Portfolio](#)

🌐 [GitHub](#)

EDUCATION

Jabalpur Engineering College

B.Tech. in Information Technology

Oct 2022 – Present

Jabalpur, Madhya Pradesh

- Relevant Coursework: Data Structures, Object-Oriented Programming, Database Management Systems, Algorithm Analysis, Operating Systems, Computer Networking

TECHNICAL SKILLS

Languages: Python (ML, automation), C++ (DSA), SQL (DBMS), JavaScript (Web)

Libraries/Frameworks: TensorFlow, Keras, PyTorch, Scikit-learn, Pandas, NumPy

Tools/Technologies: Git, Docker, Linux, Jupyter, VSCode, Streamlit, Django, HTML/CSS

ML/AI Skills: Supervised/Unsupervised Learning, CNNs, Transfer Learning, Fine-Tuning, Feature Engineering, Hyperparameter Tuning

Visualization: Power BI, Matplotlib, Seaborn, MS Excel

Generative AI: LangChain, LLMs, Prompt Engineering, AWS Integration

PROJECTS

Add Recipes Platform | *Django, HTML, JavaScript*

- Developed a web application that allows users to **add, delete, and update recipes** within their personal profile.
- Users can **share their profile** with colleagues, browse the **most trending dishes**, and access **categorized recipes** for efficient navigation.
- Integrated an **AI-based text generator** to create engaging recipe descriptions and summaries.
- [GitHub Repo](#)

Detect Dark Patterns | *Python, Jupyter Notebook, PyTorch*

- Built an **automated extension tool** to detect deceptive design tactics, known as **dark patterns**, in website UI/UX such as misleading prompts or forced consent.
- Fine-tuned a **BERT model** on a custom-labeled dataset of **3.5K dark pattern instances** for accurate classification and detection.
- The tool highlights deceptive segments in text to aid in user awareness and compliance reviews.
- [GitHub Repo](#)

Loan Prediction System | *Jupyter Notebook, Streamlit, Scikit-learn*

- Built a **Loan Approval Prediction System** using logistic regression, with a custom data pipeline including **label encoding, scaling, and hyperparameter tuning** via GridSearchCV.
- Deployed the model using **Streamlit** for real-time prediction with **Pickle** model serialization for backend integration.
- [GitHub Repo](#)

POSITIONS OF RESPONSIBILITY

Kaarwaa.n Social Welfare Club

Media Head

Jan 2023 – Present

Google Developer Student Club (GDSC)

Cloud Member

Dec 2023 – June 2024

ACHIEVEMENTS & LEADERSHIP

- Solved over **500 problems** on **LeetCode** using C++ and SQL, demonstrating strong problem-solving skills.
- Ranked **25th out of 100+ teams** in CodeRumble 2.0, a competitive coding contest hosted by IIITDM Jabalpur.
- Lead organizer of **Parahar 2025**, the first coding contest at Jabalpur Engineering College with 30+ teams.

CERTIFICATIONS

- Generative AI - Udemy LangChain and LLMs with hands-on implementation of RAG and chatbot workflows
- Supervised Learning - Coursera Explored regression and classification algorithms with hands-on projects.
- MySQL for Professionals - Codebasics Learned relational database design and complex query writing using MySQL.