Pratik Yeole

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SKILLS

- **Programming Languages:** Java, C++, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Frameworks & Libraries:** MERN Stack (MongoDB, Express.js, React.js, Node.js)
- **Database Systems:** MySQL, MongoDB (NoSQL)
- **Tools:** Git, GitHub, Postman, VS Code
- **Concepts:** OOP, Data Structures & Algorithms, DBMS, Operating Systems, SDLC, RESTful APIs

PROJECTS

- **Justice Junction – AI-Powered Legal Assistance Platform**

  Tools: FastAPI, React, FAISS, Llama3, SQLite, RAG
  - Developed an intelligent **multilingual legal chatbot** (**English**, **Hindi**, **Marathi**) to improve accessibility to Indian legal guidance.
  - Employed **Retrieval-Augmented Generation (RAG)** with **FAISS** and **Llama3** to deliver accurate, context-aware legal responses.
  - Enabled secure legal document uploads and automated summarization using **NLP techniques**.
  - Designed a **scalable**, **high-performance architecture** with **FastAPI backend** and **React frontend**.

- **MedRelief – Unused Medicine Redistribution Portal**

  Tools: MERN Stack, Google Maps API, JWT Auth, MongoDB Atlas
  - Engineered a **social-good platform** connecting donors of unused medicines with nearby NGOs and healthcare centers to **reduce wastage** and promote equitable access.
  - Integrated **location-aware matching** using **Google Maps API** to optimize logistics based on proximity and medicine requirements.
  - Implemented **secure role-based access control** and **real-time donation tracking**, improving **transparency** and **operational efficiency by 40%**.
  - Developed a **responsive MERN UI** for a smooth, intuitive donation experience.

- **Khata Book Management System**

  Tools: CPP, MYSQL
  - Designed to help shop owners to store, manage customer ledgers and track purchase.
  - Implemented the database schema for storage and retrieval of customer transaction.
  - Database integration with CPP to manage CRUD operations

EXPERIENCE

- **Web Developer Intern – D. Y. Patil COE| Jan 2024 – Mar2024**
  - Developed a comprehensive Student Achievement System to help teachers save and manage students achievements efficiently.
  - Gained extensive experience in React for building dynamic component based user interface
  - Used React Hooks, RESTful APIs to handle storage

EDUCATION

- **D. Y. Patil College of Engineering, Akurdi, Pune.** *2022 -*   *2025*

  B.E Information Technology
  - GPA: 8.53/10.00

- **K. K. Wagh Polytechnic, Nashik** *2019 -*   *2022*

  Information Technology
  - Grade: 91.89%