PRATIK KAMBLE

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Summary

Aspiring Computer Science Engineer with skills in programming (JavaScript, Dart, Python), web and app development, and full-stack solutions. Experienced in creating dynamic projects such as a responsive shopping app, a mental health chatbot with AI model integration, and a Flask-based backend. Coordinated collaborative efforts on various chatbot and app development tasks, exploring innovative approaches in AI and UI/UX design. Passionate about solving real-world challenges with a focus on web development, mobile app innovation, and scalable backend systems.

Education

Vidyavardhini's College Of Engineering And Technology , India **2023 - 2026**

- Computer Engineering (expected)

Skills

C++ | C | Java | Python | Machine Learning | JavaScript | NodeJS | React | MongoDB | MySQL | Git | Flutter | Dart | Firebase | HTML5 | CSS3

Projects

Mental Health Chatbot – MindEase

- Designed a chatbot app focusing on mood tracking and sentiment analysis. Developed backend logic to analyze user sentiment post-conversation, integrating pretrained models for improved insights.
- Enhanced training processes by evaluating dataset quality and optimizing model selection for accurate sentiment analysis. Integrated a chat interface and mood logging feature with a Flask backend and plans for MongoDB integration.

Flutter Shop App

- Built a multi-page shopping app with a responsive and visually appealing user interface. Implemented core features such as product listing and cart functionality using state management techniques.
- Focused on modular design and maintaining a consistent app theme for enhanced user experience.

Achievements

- Developed a responsive shopping app with state management, enhancing performance and user experience.
- Deployed Flask backend, ensuring smooth integration with the frontend chat interface.
- Improved sentiment analysis accuracy by refining dataset quality and model selection.
- Created a polished, visually appealing Flutter app with consistent design practices.