KARTHIK NAMBIAR

📍 India · 💻 React & Full-Stack Developer

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💼 GitHub: github.com/KarthikNambiar135

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SUMMARY

Creative and detail-oriented Full-Stack Developer with a strong focus on modern React-based UI/UX development. Experienced in building responsive, animated, and interactive single-page applications with backend support using Flask, Node.js, and Django-Python. Passionate about clean code, component reusability, and smooth user experience.

SKILLS

- Languages: JavaScript (ES6+), Python, HTML5, CSS3, PHP, SQL
- Frameworks/Libraries: ReactJS, Tailwind CSS, Framer Motion, Node.js, Flask, Django-Python
- Tools: Git, Vercel, SQLite, Render, Figma
- Concepts: SPA, REST API, Component-based architecture, Responsive design, UI animations, State Management

PROJECTS

💼 Kode With Music – Spotify-Style Music Web App

GitHub: github.com/KarthikNambiar135/KodeWithMusic

- Built a music streaming interface using ReactJS and Tailwind CSS.
- Implemented real-time search, hover effects, and audio controls.
- Used React Router for navigation and Framer Motion for transitions.

🤖 PoopyBot – Chaotic AI Chatbot with Personality

- Custom-trained local AI chatbot with dynamic behavior based on the user.
    - Built using Ollama + Flask backend, React frontend.
    - Chaotic, silly responses with personality-based behavior:
        - Obedient and respectful to **Karthik (Creator)**.
        - Roasty, unfiltered mode for **Kaniha**.
    - Offline/online modes with local learning capability and animated UI.
    - Fully custom SVG-based UI with a poop-themed interface.

🧪 Disease Outbreak Predictor – Flask + ML

- Predicts dengue/malaria risk using past case data and weather conditions.
- Includes Leaflet.js heatmap, ML trends, and OpenWeather API integration.

📦 Smart Blood Bank System

- Flask-based donor-hospital matching with Haversine formula for distance.
- Prioritized alerts for eligible donors with location-based filtering.

EDUCATION

B.Tech in Computer Science & Engineering

Pimpri Chinchwad University · 2023 – Present

- Relevant Coursework: Data Structures, Web Development, DBMS, AI
- ACM Student Chapter · Tech Head

EXTRA

- Participated in college hackathons.
- Active on GitHub, frequent personal project contributions.
- Interests: UI/UX design, Creative frontend dev, Game design, Python scripting.