

# **AI Healthcare Chatbot**

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**Abstract:** *The Healthcare Chatbot is an AI-powered web-based system designed to assist users in diagnosing diseases based on symptoms and providing medical guidance. Built using machine learning models such as Decision Tree and SVM, the chatbot predicts potential diseases based on user input and offers personalized health recommendations. Additionally, the system features a diabetes prediction module that assesses risk based on user-provided health metrics. To further enhance healthcare accessibility, the chatbot integrates alternative medicine suggestions, offering holistic treatment options alongside conventional medical advice. The platform leverages RapiDoc for seamless API documentation and interaction, ensuring a user-friendly experience. Developed using advanced web technologies, the Healthcare Chatbot streamlines symptom analysis, encourages early diagnosis, and promotes well-informed healthcare decisions, ultimately contributing to improved patient awareness and proactive health management..*

**Keywords:** Healthcare Chatbot

