SWASTIK MADHAV KULKARNI

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Education

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY   June 2024
Bachelor of Science in Computer Science (GPA: 7.6.00 / 10.00)   *Hyderabad, Telangana*

Experience

RedCloud Technologies   April 2024 – August 2024
Web Developer (Intern)   *Hyderabad, Telangana*
- Experience with WordPress, Shopify, and WhatsApp Integration
- Developed and integrated multiple payment gateways to ensure secure, reliable transactions, enhancing the customer purchasing experience.
- Implemented real-time customer support using WhatsApp, leading to faster response times and higher customer satisfaction.
- Customized Shopify stores, including theme modifications, product uploads, and payment gateway setups, resulting in fully functional, visually appealing stores tailored to client needs.

Projects

CUSTOMIZED VIRTUAL ASSISTANT CHATBOT(JARVIS) | *HTML, CSS, GEMINI AI API KEY,*
- Our project focuses on developing a personalized virtual assistant using Gemini AI. This assistant will provide tailored responses, summarize texts, schedule events on Google Calendar, retrieve weather conditions, send emails, and utilize location tracking.
- Through intelligent integration with the Gemini AI, our virtual assistant distinguishes between information retrieval and task execution, ensuring seamless and efficient user interaction.

SLOT BOOKING FOR VEHICLE PARKING | *Python, Dart Programming, Android Studio, MySQL*
- In this application, the user can view various parking slots and check for the availability of slots. Whenever a user books a particular slot, it will be marked red and all the available slots will be green.
- Booking can be done through credit card/net banking or UPI. If the user fails to reach the destination on time, then the reservation will be canceled and the payment will be refunded.

GYM MANAGEMENT SYSTEM | — *Python, HTML, CSS, JavaScript, MySQL*
- In this project, customers will utilize our website to acquire a GYM membership.
- The user must choose their membership type and enter their personal information. Once they've chosen, they must pay on the website to receive the subscription.

DDOS DETECTION USING MACHINE LEARNING | —— *Machine Learning,*
- Distributed Denial-of-Service (DDoS) attacks are a major threat to internet infrastructure security. These attacks can disrupt or disable critical services, causing significant financial and reputational damage. Machine learning (ML) has emerged as a promising technique for detecting DDoS attacks.
- ML algorithms can learn from historical network traffic data to identify patterns that are indicative of DDoS attacks. However, traditional ML algorithms may not be well-suited for detecting DDoS attacks due to the dynamic nature of these attacks and the increasing complexity of network traffic.

Technical Skills

Languages: C, Java, Python, HTML, CSS, JavaScript, Machine Learning, Deep Learning, Artificial Intelligence, MySQL
Technologies: OpenCV, Flask, NumPy, pandas, matplotlib, nltk, seaborn, ReactJs, CNN, TensorFlow, PyTorch,
Tools/Platforms: VScode, Eclipse, Jupyter, Google Collab, Android studio