

SHREYAS R

SKILLS

Languages: C, C++, Java, Python, JavaScript, Solidity

Tools & Technologies: ReactJS, NodeJS, MYSQL, Git, Blockchain, MongoDB.

WORK EXPERIENCE

Chatbot Developer

04/2023 – 12/2023

- Developed custom chatbots for various brands and companies, resulting in a 30% increase in customer engagement and a 40% reduction in average response times, thereby enhancing user experiences.
- Utilized BOTPRESS to design and implement conversational AI solutions tailored to each client's specific needs leading to a 50% improvement in user satisfaction ratings and a 25% boost in conversion rates for client websites. Integrated the chatbots with Zapier to enable clients to access data on website visitors and utilized large language models (LLMs) to provide answers to frequently asked questions and offer personalized product recommendations.

PROJECTS

FitPulse - AI Fitness & Wellness System:

- Developed an AI-driven fitness and wellness platform built using Python and was integrated to the frontend which was built using HTML, CSS, JavaScript. Implemented Real-time pose tracking for various yoga asanas, achieving 85% accuracy in asana recognition and form correction.
- **Workout Tracking:** Developed a live workout tracking system that counts reps and provides form feedback, improving exercise efficiency.
- Designed a questionnaire that collects user data and stores it in an SQL database, leading to a more personalized user experience. **Customized Plans:** Generated tailored workout and diet plans based on individual health conditions and fitness goals, enhancing user adherence by 30%.

Path-Finding Visualizer:

- Developed a pathfinding visualisation tool using HTML and JavaScript to demonstrate algorithmic solutions for optimal route planning. Implemented interactive features allowing users to modify parameters and observe algorithm performance in real-time.
- Utilized OSMnx to render real maps on the website, allowing users to interact with actual geographical data. Enabled users to pick two points on the map and calculate the shortest path between them using NetworkX for real-time path computation.

Bank Management Website:

- Developed a comprehensive banking management system as a college project to streamline financial operations and enhance customer experience through intuitive and user-friendly interfaces.
- Integrated essential security features to ensure data protection and compliance with standard banking regulations.
- The backend of this website is made using NodeJS and the frontend is built using HTML, CSS, BOOTSTRAP and used MYSQL as the database.

EDUCATION

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Blockchain Technology, Artificial Intelligence, Web Development, Software Engineering, Object-Oriented Programming