Padala Saisrisatya Subramaneswar

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WORK EXPERIENCE

NullClass — Sep 2023 - May 2024
Machine Learning Intern — India · Remote
- Taught machine learning concepts and techniques, emphasizing practical applications in real scenarios
- Focused on data preprocessing, model training, and evaluation, ensuring comprehensive understanding
- Guided students, resolved doubts, provided detailed feedback, evaluated projects to enhance outcomes.

Traceworks Technologies — Dec 2023 - May 2024
Full Stack Developer — India · Remote
- Optimized full stack applications with React,Node.js,MongoDB, significantly cutting load times by 40%
- Designed scalable microservices, greatly increasing user engagement by 25% with interactive features
- Seamlessly integrated diverse APIs, resolving critical bottlenecks and enhancing user satisfaction.

Digital Fortress — Jun 2023 - Jun 2024
Flutter Developer — India · Remote
- Boosted user satisfaction by 20% through UI enhancements, improved user retention and ratings
- Strengthened team dynamics via active code reviews, insightful contributions, and solution proposals
- Used Firebase expertise Firestore, Authentication, Cloud Functions for seamless backend development.

PROJECTS

MediBot — Link to Demo
- Pioneered MediBot, a revolutionary telemedicine platform integrating AI-powered chatbot assistance, virtual consultations, and personalized health management tools for seamless healthcare access
- Led the development of a cutting-edge symptom analyzer, empowering users to identify potential health conditions and receive real-time medical assistance, streamlining their healthcare journey
- Spearheaded the creation of a user-friendly interface for scheduling medical appointments and accessing personalized diet plans, enhancing healthcare accessibility and convenience for users worldwide.

PersonaAI — Link to Demo
- Developed Persona AI, an advanced multilingual chatbot leveraging NLP and the Transformers Library for highly personalized, context-aware interactions, enhancing user experience with adaptive responses
- Engineered multilingual support and integrated gTTS (Google Text-to-Speech) to provide high-quality text and speech responses, broadening accessibility and delivering a seamless experience across languages
- Designed and optimized a robust database schema using SQLite for efficient storage and retrieval of user interaction data, enabling advanced personalization and ensuring scalability for a growing user base.

EDUCATION

2021 - 2025	BTech, Computer Science and Engineering (AIML) **VIT-AP University**	(GPA: 8.66)
2019 - 2021	Class 12th State Board Of Intermediate Education **Narayana Junior College**	(95.2%)
2018 - 2019	Class 10th Central Board of Secondary Education **Sri Chaitanya School**	(93.5%)

SKILLS

Proficient in front-end and back-end technologies: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, SQL, RESTful APIs, Git/GitHub. Experienced in AI and machine learning frameworks: TensorFlow, PyTorch, Hugging Face Transformers. Expertise in NLP, chatbot development, and analysis.

AWARDS

- 1st place in "CODE WITH GEAR" by Centre of Excellence,NextGen Cloud Club,and Microsoft Chapter
- Won 1st prize in "24-HOUR HACKQUEST" for innovative solutions in a competitive COE IoT event
- Recognized among the Top Ten for outstanding performance in all Engineering Clinics Group Projects
- Secured 3rd place in a 24-hour Web App Hackathon by leading a team of four, showcasing exceptional problem-solving and teamwork skills, and developing a functional prototype that impressed judges.