Rohith B

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Education

BMS College of Engineering, Bangalore
B.E. in Artificial Intelligence and Machine Learning

- Current CGPA: 6.74 / 10.0
- Core Courses: Machine Learning, Deep Learning, Data Structures, AI, CV

Experience

RightSense.in – Frontend Developer (Remote)

- Developed responsive UI components with React and Tailwind CSS.
- Collaborated with design and backend teams for usability improvements.
- Implemented real-time features and performance optimizations.
- I have also worked in Backend for constructing Agentic framework.

Projects

Zenith
- Developed an AI-driven SaaS platform integrating a voice assistant, Medbot, QuizCrafter, and a stock prediction model enhanced with real-time news analysis using NLP.
- Automated data collection with UIPath and utilized LangChain pipelines for prompt classification and response routing.

Jarvis: Voice Assistant
- Integrated speech recognition and voice response to automate tasks like web searches and application control.
- Enhanced user experience through natural language processing and secure environment variable management.

MEDBOT
- Built a conversational AI assistant using OpenAI's GPT-3 to assist healthcare professionals by analyzing medical reports.
- Integrated features to search for similar patient histories and treatments, aiding doctors in diagnosing new patients.

Feedback App
- Full-stack web application for submitting and managing user feedback.
- React frontend hosted on Vercel; Node.js/Express backend hosted on Render.
- Features user authentication, CRUD operations, and responsive design.

S.P.E.A.R | 🔗
- Created S.P.E.A.R (Split Panel Engine for Automated Rendering), a no-code platform that combines UI/UX design with backend automation.
- Enables both technical and non-technical users to build full-stack solutions efficiently with a focus on creativity and simplicity.

Certifications

- Machine Learning Course under - Google Developer Student Club
- UI/UX Course – Google (Coursera)
- AI Essentials – Google (Coursera)
- Web Development – Udemy

- Python – Udemy

Skills

Technical Languages: Python, C, SQL

Technologies: React.js, Next.js, Tailwind CSS, Flask, Firebase, Node.js, Express.js, Git, Docker, MongoDB, PostgreSQL, Vercel, Render, Basic-GCP, JWT, Uppy

ML & AI Libraries: scikit-learn, TensorFlow, Keras, PyTorch, Hugging Face Transformers, OpenAI API, LangChain

Languages: English, Tamil, Kannada, Hindi

Hobbies and Interests

- Watching anime and dramas
- Listening to music
- Passionate about building AI projects and discussing them endlessly

Professional Summary

Passionate and detail-oriented Artificial Intelligence and Machine Learning student with hands-on experience in frontend development, AI-driven projects, and full-stack web development. Adept at integrating cutting-edge technologies like React, Tailwind, OpenAI, and LangChain into impactful software solutions. With a deep interest in building AI assistants and intelligent systems, I have developed innovative projects like **Zenith**, a SaaS platform, and **MEDBOT**, a conversational AI for healthcare. A collaborative team player with solid experience in Agile environments and a strong ability to bridge the gap between design, backend systems, and user experience. Eager to continue growing my expertise and contribute to innovative projects in AI and software development.