RANJITH DEVARAJ

AI &ML DEVELOPER,

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📍 Namakkal, India

SKILLS

- **Technical**
  - Languages : Core Python, Java
  - Framework : PyTorch, Scikit-learn, open cv, object & face Detection and Recognition, Flask
  - Scripting : Python, shell
  - RDBMS : MySQL
- **Project Management**
  - Agile and Scrum Methodologies
  - Scope and Requirements Management
  - Risk Management
  - Tools : Git, GitHub, VS Code, Microsoft Teams, Figma, Netlify, Firebase
- **Leadership and Team Management**
  - Time Management
  - Communication
  - Conflict Resolution
  - Motivation
- **Soft Skills**
  - Problem-Solving
  - Decision-Making
  - Adaptability
  - Creativity & Innovation

CERTIFICATIONS

- Introduction to Programming Using Python
- Introduction to Machine learning
- Introduction to UI&UX

ABOUT ME

AI & Machine Learning Enthusiast with a strong foundation in engineering and a passion for building impactful solutions. Quick to learn and adaptable to new challenges, with good time management skills to handle tasks efficiently and meet deadlines. Interested in turning innovative ideas into practical applications, while staying focused on continuous learning in the fast-evolving fields of AI and ML. Excited to use technology to solve real-world problems and contribute positively in collaborative environments.

PROJECTS

AI Voice assistant With Livekit Using Python
- Developed a real-time AI-powered voice assistant leveraging LiveKit for low-latency two-way audio/video streaming.
- Integrated speech recognition (STT) for instant speech-to-text conversion and natural text-to-speech (TTS) for lifelike AI responses.
- Utilized large language models (LLMs) to enable intelligent, context-aware conversational interactions.
- Designed an extensible architecture supporting integration with external APIs such as weather services, reminders, and IoT devices.
- Technologies used: Python, LiveKit, OpenAI API (LLM), Google Speech APIs for STT and TTS.
- Ensured smooth user experience with seamless audio streaming and natural language processing in real time.

AI-Powered Resume Screening System Using Python
- Developed an intelligent resume screening system leveraging AI and natural language processing (NLP) to automate candidate evaluation and shortlisting.
- Implemented algorithms to parse and analyze resumes for key skills, experience, and qualifications aligned with job requirements.
- Utilized machine learning models to rank and score candidates, improving hiring efficiency and reducing manual screening time.
- Enabled integration with applicant tracking systems (ATS) and HR platforms for seamless workflow automation.
- Designed a user-friendly interface to facilitate recruiter review and feedback on screened resumes.

Interactive Portfolio Website With Smooth Animations
- Designed and developed a visually appealing, smoothly animated portfolio website using modern web technologies including HTML, CSS, and JavaScript.
- Showcased technical skills and professional projects with engaging animations and user-friendly navigation to highlight front-end development and design expertise.
- Focused on creating an interactive and aesthetically attractive user experience to effectively present work and capabilities to potential employers and clients.

EDUCATION

- Bachelor of technology, 2023 -MAY 2027 , Erode Sengunthar Engnieering College - Present
- Higher Secondary Certificate in Biology Mathamatical, APR 2023, Reliance Matric Higher Secondary School - 65.5%
- Secondary School Leaving Certificate in common Subject , APR 2021, Reliance Matric Higher Secondary School