



Techolution is looking for a smart and dynamic **AI Engineer** to help us achieve the set vision and mission of the organization. Experienced with implementing and maintaining advanced machine learning algorithms and models. Ideal candidate is responsible for ML Model versioning and deployment and ensuring the standard quality, best practices for the business.

Title: Associate AI Engineer (Voice/Speech expertise)

Location: Hyderabad

Employment Type: Full-time

Requirements:

- A deep understanding of **audio signal processing** to preprocess and clean audio data, extracting features, and dealing with noise reduction and enhancement techniques
- Knowledge of **NLP** for converting the transcribed text into meaningful output, handling language nuances, and performing tasks like named entity recognition, sentiment analysis, and intent extraction. Experience in creating n-gram models, recurrent neural networks (RNNs), and transformer-based models like **BERT** and **GPT** for understanding context and intent
- Proficiency in speech recognition technology for accurately transcribing spoken words into text. Knowledge of **automatic speech recognition (ASR)** models and algorithms in building robust and accurate voice recognition systems
- Experience with developing algorithms to accurately identify the user's intent based on their spoken commands using machine learning techniques to match user input to predefined intents
- Knowledge of **cloud-based speech recognition APIs and services** (e.g., Google Cloud Speech-to-Text, Amazon Transcribe) for development and deployment
- Experience with deployment on **edge devices** using microcontrollers for Speech-to-Text and Voice AI projects
- Proficient with **Python**, good programming, and **problem-solving**. Using relevant libraries and frameworks (e.g., **TensorFlow**, **PyTorch**) for building and training models is essential
- Ability to take complete ownership, possess analytical skills and is proactive in nature
- Excellent communication skills (both oral and written) and presentation skills

**Preferred Skills:**

- Proficient with **Computer Vision, Image Processing, and data processing**
- Experience as **Project Lead**

Why Join Techolution?

Be part of the next most admired high-tech brand in the world and join the world of innovation. We are looking for talent with amazing technical skills with a great foundation for the open role. The type of personalities that do very well at our company are people who are looking to contribute to a larger-than-life cause. People who are looking for a very high growth environment where they are helping the company grow and also personally growing through a unique and world-class exposure.

Work-Life at Techolution:

At Techolution, we do things a bit differently. There's no corporate nonsense and no old-fashioned hierarchy. Instead, we work in dozens of self-sufficient, autonomous teams. Think of them like start-ups within a start-up that learn from each other. You are your own boss! We're going to be upfront that the way we work doesn't suit everyone. But if freedom, autonomy, and life-affirming, head-scratching professional challenges rock your world, we could be a match made in heaven.

About Techolution:

Techolution is a high-tech digital transformation company on a mission to accelerate digital transformation for our clients across the globe. We are a very successful start-up that is small enough to care and large enough to be trusted by some of the top brands in the world such as Apple, JPMC, DBS Bank, NBC, Stryker, JCrew, etc. Techolution specializes in UI Modernization, Cloud Transformation, the Internet of Things, Big Data, and artificial Intelligence. As a testament to the power of HVPD, we have developed a wealth of world-class products, owned by Techolution, in the space of Virtual Reality, Facial Recognition, Smart Water Monitoring, and many more cutting-edge digital products in the pipeline.

Techolution currently serves clients across the United States with our headquarters in the heart of downtown New York City. We recently opened “Techolution City” in India as our offshore development center as a living and breathing lab for our IoT Smart City products. Techolution also serves APAC customers from our Singapore office and the Mauritius office supports our initiatives on the African



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