# Senior Audio Processing Engineer

Are you passionate about cutting-edge audio technologies and voice processing systems? Do you want to be among the first to develop revolutionary speech recognition and synthesis solutions for AI-powered humanoid technology in the hospitality industry?

**About Us**
FLAE Robotics is a pioneer in humanoid technologies. We are creating the first AI robotic receptionist for hotels and changing the future of the hospitality industry.

1. **Startup, not corporate.** This is an opportunity to be a part of our **initial team** and scale the company with us.
2. **Hybrid, not 100% remote.** We are convinced beyond discussion that - at least initially - we need to be meeting physically in our offices in Prague **at least once a week**.

**About the Role**
We are looking for an experienced **Senior Audio Processing Engineer** to join our team, who will be responsible for the design, development, implementation, and optimization of audio processing systems, with a particular focus on **speech-to-text (STT)** and **text-to-speech (TTS)** technologies. The ideal candidate has strong experience in automatic speech recognition, voice synthesis, and real-time audio data processing.

**What you will do with us**
- Design, develop, and maintain high-performance STT and TTS systems
- Implement and optimize audio models and pipelines using machine learning and signal processing techniques
- Collaborate with engineering and research teams to integrate audio components into production environments
- Prepare and curate datasets for training, evaluation, and testing of audio models
- Ensure performance, accuracy, and scalability of voice-related features across diverse languages and acoustic conditions
- Monitor developments in neural audio processing and evaluate their applicability to our products

**We require**
- Advanced knowledge of **audio signal processing** and **machine learning**
- Practical experience with **STT/TTS systems** and **speech recognition technologies**
- Strong programming skills in **Python** and audio processing libraries
- Experience with **neural networks** for audio applications
- Knowledge of **real-time audio processing** and optimization techniques

**It will be an advantage if you have**
- Experience with **cloud platforms** (Azure, AWS, GCP) for audio processing
- Knowledge of **multilingual speech processing** and acoustic modeling
- Familiarity with **deep learning frameworks** (TensorFlow, PyTorch)
- Experience with **voice biometrics** or **speaker recognition**

**What We Offer**
- A chance to work on cutting-edge audio technology in a **real-world, production-focused setting**
- Modern offices in **central Prague** with hybrid flexibility

- A smart, driven, and collaborative team solving hard problems
- A pioneering role in the hospitality revolution using cutting-edge AI technologies
- Continuous professional development in robotics and AI
- Startup with global ambitions, Czech founders and clear mission

If you're passionate about technology and want to be part of something extraordinary, reach out to us!

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