Company:
Company
Name:
Nature Of
Business:
Designation

Sleepiz (India) Pvt. Ltd. Sleepiz (India) Pvt. Ltd.

**Medical Technology** 

Jr. Data Scientist

Tentative Job Location :

Pune

#### Who We Are

Sleepiz AG (Ltd.) is a Zürich based startup with a mission to provide patient-centric disease management through seamless integration of contactless monitoring into people's homes. Sleepiz leverages the power of sleep insights with a device that is simply placed on the bedside table. The device operates in a non-contact fashion and measures movements originating from heart contractions and breathing patterns, as well as body motions with medical grade accuracy.

While currently focusing on respiratory illnesses, Sleepiz aims to improve people's lives by creating the future of healthcare. By making use of wireless millimeter wave technology, sensor fusion and artificial intelligence, in the future Sleepiz will not only be able to diagnose sleep disorders but also perform long-term monitoring. Thereby, the progression of chronic diseases will be monitored to allow faster intervention and better treatment.

Sleepiz is touching lives without touching.

### What You Will Do

You will work within the data science team to devise scalable and reproducible end-to-end machine learning solutions for sleep analytics. Your job responsibilities will include:

- Develop statistical models to provide sleep assessment solution via vital signs
- Develop and implement deep learning algorithms for sleep stage classification
- Statistical model parameter optimisation and sensitivity analysis
- Ensemble learning and advanced machine learning
- Assess temporal information probabilistically
- · Anomaly detection for sleep disorder identification

#### Who You Are

We're seeking an individual who is passionate about dynamic experimentation, has a passion for details and a fail-fast attitude. You should be/have/are:

## **Description:**

- Pursuing a degree in Computer Science, Statistics, Applied Mathematics, Physics, Electrical Engineering or Computational Biology
- Strong background in statistical data modelling
- Experience with machine learning algorithms and deep learning architectures
- Knowledge of probabilistic data modelling
- Knowledge of time series data analysis
- Python, R, C++ or MATLAB programming skills
- Thrive in interdisciplinary environments and have strong communication abilities
- Curious, inquisitive, collaborative with a deep appreciation for diversity

# What We Offer

We are a dynamic, interdisciplinary, highly skilled team that is passionate about sleep. At Sleepiz:

- 1. We believe that every breath counts
- 2. We allow people to manage their health at home for as long as possible
- 3. At the heart of our value creation we center both, the patient and the physician
- 4. We strive for transparency, honesty, precision and quality in everything we do

Sleepiz (India) Pvt. Ltd. is home to alumni from IIT-Bombay, IIT-Madras, UT Dallas, University of Sheffield, Michigan State University amongst other tier I institutions and engage in weekly friendly football matches (online games in the time of COVID-19!). We pride ourselves in fostering a fun and energetic start-up culture in a relaxed environment. As a part of our dedication to the diversity of our workforce, we offer flexible working hours together with a high degree of self-responsibility and freedom. Further, we operate with integrity, accountability and creativity and have high employee satisfaction (based on quarterly reviews). We provide performance-oriented compensation, equity ownership, group health insurance benefits and flexible paid time off policies. You would have ample collaboration and growth opportunities in a truly global and cross-functional team.

Sleepiz is an active proponent of gender equality in STEM. Female candidates are strongly encouraged to apply.

#### Program AE BSBE CE CHE CSE EE ES ME MSE PHY CHM MTH ECO DES IME CGS HSS EEM MSP NET PSE Stats ВT No No Yes Yes -- No No No Yes BS ---- No -- --Yes No Yes No MT No No No No No No No No No ------No Nο No No No DoubleMajor No Yes No No Yes Yes -- No No Yes No Yes No dual No Yes No No Yes Yes No No No Yes No Yes No **Eligibilty:** dualB No Yes No No Yes Yes -- No No Yes No Yes No No No No No dualC No Yes No No Yes Yes No No No Yes No Yes No No No Mdes No MBA No No No No No Phd No MSc No No -- ------ -- -- --No No -- --MSR No No No No No No -- No No No No 20 Lakhs

Cost to Company : Package

Details:

- \_\_\_\_\_
- Salary components for maximized tax savings (basic pay, HRA, medical allowance, LTA, special allowance)

16 Lakhs Fixed Income per year + health insurance of 2 lakhs + variable performance pay of up to 2 lakhs

Bond: False **CPI CutOff:** 0.0Medical None Requirments Resume True **Shortlist:** Resume Shortlist CGPA: 7.5 and above; relevant projects in medical field Criteria: Aptitude **False** Test: Group **False** Discussion: **Technical** False **Test: Technical** True Interview: **Technical** Interview 45 mins **Duration:** Number of **Techincal** 1 Interview **Rounds:** HR True Interview: HR 30 mins Interview **Duration:** 

**CEO Interview for 30 mins** 

**Additional** 

Information: