Remote job - Software-Developer Backend

About us:

We are Plan4Better a startup based in Munich, Germany. Our goal is to actively promote sustainable mobility and urban development through the development of innovative planning instruments. Among others, we are developing the planning tool GOAT (Geo Open Accessibility Tool). It is a map-based web tool, which computes diverse benchmarks relevant for experts in the field of urban and transport planning. Furthermore, it allows simulating future scenarios. The application is being developed as an open-source project and made available as Software-as-a-Service to Cities and consultancies.

Website: https://plan4better.de

Repository: https://github.com/goat-community/goat

Job Description:

As a Backend-Developer at Plan4Better, you will design and build the core services that power our tool "GOAT". You will be part of a passionate and motivated team of GIS analysts, database experts, frontend developers and data scientists who are solving a variety of challenges related to transportation and urban development. We are looking for high-performing, motivated individuals with experience in building medium to large scale enterprise API solution in an object-oriented language using cutting-edge technologies and best practices.

Day to day:

- Develop robust, and scalable API designed to handle resource intensive tasks and high volume I/O
- Write optimized and efficient Python code for high CPU/Memory workloads.
- Maintain and improve existing code base and contribute code for new features.
- Develop following agile methodology (SCRUM, TDD)
- Engage on team meetings and collaborate with team members
- Be creative and make suggestions for improvements

Requirements:

- Minimum 4 years of professional web development experience
- Experience building APIs using Python (preferred, FastAPI)
- Experience with RDBMS such as PostgreSQL and Python ORM (SQLAlchemy)
- Experience with Git workflows and Docker
- Knowledge of REST architecture and OOP
- Knowledge of Design Patterns for Enterprise Level Applications
- Able to work independently in a remote team of developers
- Excellent time management and organizational skills

Nice to have:

- Experience with GIS, OGC services and PostGIS
- Experience with Python Geo libraries (e.g., GeoPandas, GeoAlchemy2, etc.)
- Experience with Kubernetes and DevOPS workflows (CI/CD)
- Experience with cloud provider AWS (in particular, EKS, ECS, RDS, S3)
- Degree in a Computer Science, Geoinformatics or related disciplines

Benefits:

- Work in a thriving and highly motivated international team on cutting-edge technology
- Learn fast new technology and benefit from access to an extensive training program
- Flexible remote working environment (flexible hours, work remotely from your home or we will provide space at a coworking space).
- Attractive remote salary

If you are interested, we look forward to receiving your application consisting of letter of motivation and curriculum vitae to (info@plan4better.de). Furthermore, please specify the net salary you are expecting to receive in the letter of motivation. Very much looking forward to hearing from you!