SPACETIME
Labs

Job Description: Fullstack Developer

About SpaceTime Labs

SpaceTime Labs (www.spacetimelabs.ai) is a Brazilian company — part of SpaceTime Ventures portfolio (www.spacetimeventures.com) — founded in 2014 that develops and operates automated AI platforms for planning, optimization and risk management of broad segments of the economy that are dependent on natural resources and are exposed to climate and water risk. Our teams include deep business operations, machine learning and computer vision, biophysical sciences, software and data engineering, robotics engineering, project management and UX & data visualization design expertise and skills who work in multi-disciplinary teams to solve complex planning, optimization, and risk management problems.

We are seeking for Fullstack Developers to design and build systems and web services to process a large amount of data from unstructured and structured sensor tabular data, UAV, satellites, and other sources to enable the construction of machine learning models that create real impact.

As a Fullstack Developer, you will:

- Design processing system architectures.
- Develop processing systems and web applications to guarantee Machine Learning models to run and scale, and the frontend of these systems.
- Work with different design, business, and technical teams to deploy the developed systems, integrating backend with frontend interfaces.
- Write technical documentation.

Required qualifications:

- Comfortable working within an agile and iterative prototyping in startups.
- Good programming logic – knowledge of algorithms and data structures.
- Programming skills in languages focused on backend development (ex. Python, Java, Elixir, Ruby, ...) and frontend development (JavaScript, CSS, HTML, …).
- Good knowledge of Relational Databases (such as PostgreSQL, MySQL)
- Solid knowledge of cloud computing (preferably AWS)
- Experience in writing and maintaining automized software tests (unit and integration tests).
- System documentation good practices.

Desirable (non-essential) qualifications:

- Engineering BSc/BA in Computer Science, Technology, or relevant field.
- Experience in devops or production software deployment.
- Knowledge in message queues systems (ex. RabbitMQ, Kafka, SQS).
- Knowledge of open geospatial environments and SDKs.

If you have interest, please send your CV to cc@spacetimeanalytics.com