Backend Engineer

Apply Now

Company: Observe Technologies

Location: İstanbul

Category: other-general

At Observe Technologies (Permanent / Contractor), in Multiple Locations

Expires at: 2024-10-14

Remote policy: Full remote

We seek a skilled back-end engineer in Portugal to work remotely and join our dynamic team playing a pivotal role in revolutionizing aquaculture. To apply for this job, you should be based in Portugal and have a valid work permit or Portuguese citizenship

As a member of the IOT team, you will manage backend integrations to external third-party applications, improving operational efficiency. Your primary data source will be an IoT platform, which presents exciting challenges related to real-time data streams and artificial intelligence.

Responsibilities:

Software Development: Lead the design and development of visualizations and dashboards that transform real-time data from the IoT platform into actionable insights for farmers.

User Interface Design: Collaborate closely with designers to create an intuitive and user-friendly interface. Ensure a seamless and engaging experience for users interacting with aquaculture data.

Real-time Data Integration Work on the challenges associated with real-time data streams, implementing solutions that provide timely and accurate information to enhance decision-making.

AI Integration Collaborate with the back-end team to integrate AI outputs into visualizations, providing farmers with insights on optimizing fish growth.

Main requirements

Bachelor's degree in Computer Science, Engineering, or related field;

Proven experience as a Backend Engineer, with a focus on third-party integrations and IOT systems.

Strong proficiency in at least one programming language such as NodeJS or Python3;

Experience working with real-time data streams and understanding the challenges associated with presenting dynamic information. Knowledge of working with IoT platforms and extracting meaningful insights from sensor data;

Experience working with full-stack engineering, particularly in building GraphQL endpoints;

Hands-on experience with AWS services such as EC2, Lambda, S3, RDS, DynamoDB, etc.

Expertise in containerization and orchestration tools like Docker and Kubernetes.

Solid understanding of relational databases (e.g., MySQL, PostgreSQL) and NoSQL databases (e.g., MongoDB).

Strong problem-solving skills and ability to work independently or in a team environment.

Excellent communication skills and ability to collaborate effectively with cross-functional teams.

Nice to have

Experience with IOT systems and message brokers is a plus.

Benefits & Perks

Competitive Compensation : We offer a highly competitive salary package that reflects your skills, experience, and contributions.

Meaningful Work: Join a company with a clear mission to make fish one of the most sustainable food sources globally. Your work as a Backend Engineer will directly contribute to building a greener future and creating a positive impact on the environment.

Professional Growth: Observe is a young company at the forefront of AI advancements in aquaculture. Observe utilizes state-of-the-art AI algorithms, computer vision, and machine learning technologies. As part of our team, you will have ample opportunities to expand your knowledge, sharpen your skills, and stay updated with emerging technologies.

Global Impact: Observe operates on over 100 aquaculture farms globally, helping produce approximately 10% of the world's salmon supply. By joining our team, you will play a pivotal role in shaping the future of aquaculture, making a tangible difference in global food production and sustainability.

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