

## Full Stack Developer Job Description

### About MOA

MOA transforms waste/by-products into high value ingredients using unique biotechnology and software. We are establishing a new industry of sustainable food - solving growing global food demand, reducing waste and making food producers more efficient and commercially successful at the same time.

[www.moafoodtech.com](http://www.moafoodtech.com)

### Job Overview

At MOA we are building a new software team to build the industry's most advanced software platform. The team will be comprised of developers and bioinformaticians and will build software that spans data, ML models and the generic part of the platform for use by the company itself and clients.

We're looking for full stack developers to have complete, end-to-end ownership of projects. The ideal candidate has experience building products across the stack and a firm understanding of web frameworks, APIs, databases, and multiple back-end languages.

### Objectives of this role

- Work across the full stack, building scalable distributed software that provides stability, performance and positive user experiences
- Develop software and infrastructure in support of evolving project requirements
- Deliver systems and specific features from conceptualization to deployment managing the end-to-end software production life cycle
- Maintain, modify, test changes and upgrade the software following deployment

### Responsibilities

- Participate in all aspects of agile software development, including design, implementation, and deployment
- Architect, build and provide guidance on building end-to-end systems and APIs
- Collaborate with other members of the team to seamlessly join together microbiology, bioinformatics and software aspects of the system
- Work with agile development methodologies, adhering to best practices
- Ensure application performance, uptime, and scale, and maintain high standards for code quality and application design

- Work across time zones (if applicable) via selected systems and frequent videoconferences

### Required skills and qualifications

- At least 3 years of experience in building software applications in a full stack role (seniority of a specific position will depend on the level of experience)
- Knowledge and experience of working in JavaScript/TypeScript fullstack projects, familiarity with Python, basic DevOps skills
- Experience of working in an agile methodology environment
- Ability to function in a fast changing, often unstructured, high pressure/high reward startup environment
- Ability to work independently, lead by example and take responsibility
- Excellent debugging and optimization skills
- Experience in building web applications
- Experience in designing and integrating RESTful APIs
- Conversational English

### Preferred skills and qualifications

- Professional certification
- Bachelor's degree (or equivalent) in computer science, information technology, or engineering
- Good knowledge of Python, good experience in DevOps
- Experience in unit/integration testing
- Conversational Spanish

### Location

- Remote, in CET +/- 2 hours time zone
- Occasional travel to Pamplona or Madrid may be required