

Front End Developer

Hummingbird Technologies Ltd

Hummingbird Technologies Ltd is an artificial intelligence business using drone and satellite technology, along with our proprietary algorithms, to provide farmers and agronomists maps within 24 hours to help them make informed farm management decisions. Innovative disease detection and yield prediction algorithms form the base of our software and analytic platform. This software – which is being developed to integrate with existing farm management enterprise systems - provides invaluable in-field intelligence for farmers, which will enable enhanced decision-making concerning agrochemical application, crop evaluation and sustainable land management. We are currently expanding in Russia, Ukraine and Brazil.

Hummingbird works closely with its largest strategic shareholder, Velcourt, and over the past two years we've been doing a vast amount of R&D work, having flown in excess of 120,000 hectares, over 50 farms last year. This work has been carried out with businesses and institutes such as such as Hutchinson's, BASF, Harper Adams University, and Cambridge Agri-Tech (which includes investors such as NIAB, G's, Smithson Hill, Elsom's, A H Worth and Spearhead).

Job description

You will join a fast-paced Hummingbird team, whose skill set spans across farm level agronomy, ex-military aviation, software development, image processing, machine learning and big data science.

Your main responsibility will be in helping to visualise the analysis produced by the data analytics layer of the platform and ensuring the farm manager has instant access to the most pertinent information that will assist and drive their decision-making process.

You will be working closely with API developers and Data Scientists in a delivery team, and will be expected to help shape the delivery process with a constant eye on the customer experience and usability of the platform, in terms of UX as well as Performance and Stability.

Each member of our team is self-starting, committed and proud of the quality of work we put in to bring innovative solutions to this pioneering space. As with most startup environments, the optimal skillset for the role is diverse, so a desire to learn is key.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- The development and visualisation of an Analytics platform for Farm Managers
- The maintenance of a high level of quality and robustness within our front end architecture
- Working within a team framework to ensure the delivery of the collective goals of the company

REQUIRED: EDUCATION, EXPERIENCE, KNOWLEDGE AND SKILLS

- Minimum 3 years of experience working with software delivery
- Experience developing single page applications, preferably with React/Redux
- HTML / CSS development, exposure to postcss or sass/less
- Knowledge and Experience of Unit Testing and a TDD approach
- Have worked with the consumption of REST APIs as a mechanism of data acquisition

- A real sense of motivation, self-reliance, initiative and ability to seek out and pass on knowledge within a team
- A demonstrated enthusiasm for entrepreneurial or startup working environments
- Excellent spoken and written communication in English

PREFERRED OR DESIRABLE TRAITS

- Experience working with Agile processes, particularly Scrum
- Knowledge of the SOLID principles of Software Engineering
- BDD
- Map Visualisation
- Having worked within Agri tech previously