

Full Stack Web Developer

TechWorks Marine is a provider of oceanographic equipment and services in the private and public sectors internationally. Founded in 2002, we specialise in the integration of real-time marine monitoring equipment and sales/rental of a wide range of metocean (meteorological and oceanographic) sensors. Our integrated products are based around the TechWorks Marine Black Box (TMBB) data acquisition and transmission systems. We also offer full integration, installation, survey, technical support and data management services to our clients to support them through the life-cycle of their project. Client sectors include Coastal Engineering, Marine Renewables and Research.

Qualifications, Experience and skillset required

Applications are invited for a Full Stack Web Developer with 2-3 years commercial sector experience.

As a valuable member of a small team you will be principally involved in development and maintenance of our web based decision support system CoastEye.

You will also work closely with our embedded development teams.

You must be a team worker, possess good communication skills and be able to work to deadlines. The position also involves a degree of flexibility.

Duties will include:

- Design, development and maintenance of CoastEye Web Application.
- Management of big datasets, researching and utilizing modern technologies, that solve problems related to environmental big data processing and storage.
- Collaborating with embedded development team on design and development of real time data acquisition component of CoastEye system.
- Database management (MySQL, PostgreSQL and PostGIS).
- Cross-platform mobile application development (Expo, react-native).

Essential skills and technologies:

- Bachelor degree or higher in Computing or similar field.
- PHP, PHP Frameworks (Zend, Zend Expressive).
- Front-end development experience (JavaScript, jQuery, react)
- Comfortable with object oriented programming in PHP, knowledge of essential design patterns
- Relational database design and maintenance (MySQL/MariaDB)
- Version control (Git, GitHub, GitLab)
- Good communicator, with an ability to communicate successfully to a variety of audiences including technical documentation
- Possess high level writing skills, and be prepared to assist in the development of proposals;
- Effective team player

- An ability to meet project milestones.

It would be an advantage to have:

- Python
- Front-end map libraries (mapbox, leaflet)
- Geospatial tools and libraries: gdal, ogr, mapserver
- Redis

The position will be based at our offices in Dublin, Ireland. Benefits include 23 days annual leave, and competitive salary, great working environment.

Please send CV's and Cover Letters to Charlotte O'Kelly, by email: jobs@techworks.ie.

TechWorks Marine is an equal opportunities employer.