

# Developer Positions



## About the Mullion Group

The Mullion Group is an Australian based software and consulting company, internationally recognised for its expertise in greenhouse gas inventory systems for the land sector. Our focus is the measurement and projection of land-based greenhouse gas emissions and removals, providing the technical capacity and insights to inform policy makers from governments to international organisations. Our team includes scientists, policy specialists and computer programmers.

We work to integrate data from satellites, ground measurements and models to provide robust information to support cross-sector land use planning and monitoring. We work at scales ranging from small farm level projects through to global simulations, ingesting and processing huge volumes of data to produce useful and accessible information.

## The positions

After developing one of the world's most advanced tools for integrating remote sensing and ground data for emissions estimation, the Mullion Group is seeking two developers to help develop a next generation, Software-as-a-Service (SaaS) solution for tracking greenhouse gas emissions from land uses around the world, such as deforestation.

Working in Canberra under the direction of two senior developers, the developers will collaborate with scientific and technical staff to help design and implement the software. This includes assisting with writing system documentation, providing design advice, developing prototypes and release versions. The position will involve working with staff in the Mullion Group, domestic clients and international clients from USA, Canada, South America, East Africa and Southeast Asia.

Competitive remuneration commensurate with experience and skills as listed below. The contract will be for 12 months with potential to extend. Full-time (38 hours per week) preferred but part-time position considered.

## Skills and responsibilities

We are seeking two developers with some practical experience but more importantly who are enthusiastic, passionate and willing to learn and engage. The successful candidates are expected to continue to develop skills on the job and to introduce new ideas and innovative solutions as needed. In addition to the unique opportunity to work in an emerging company with a variety of cutting edge technologies, the position will include opportunities for training and professional growth.

The core qualifications and experience required for both positions are:

- Bachelor degree or higher in computer science or equivalent.
- Demonstrated understanding of relational database design and development.
- Understanding of development operations and continuous integration/development.
- Willingness to work in an agile development environment.
- Strong interpersonal skills, and able to work in a small team and across disciplines and cultures.
- Ability to work effectively independently and show initiative.

In addition, each applicant will have some experience in at least 3 of the following:

- Developing microservices on amazon platforms, including microservices architecture, API development and API Security.
- Other cloud platforms, such as Azure, a bonus but not required.
- Languages for web development and backend systems: Python, Javascript, NodeJS.
- Statistics and statistical programs, in particular R.
- Object oriented C++ for simulation modelling.
- Website, web application and mobile application development.
- Application of Docker and Kubernetes.

## Interested?

To apply please send a letter of no more than one page outlining your suitability for the position and a current CV that includes examples or links to any relevant past work including the details of two professional referees, to [info@mulliongroup.com](mailto:info@mulliongroup.com). If you have an active GitHub, GitLab, BitBucket or Stack Overflow profile include a link: we would love to see your work.

We will contact you within 5 working days to discuss your application. The positions will remain open until suitable candidates are found.

For more information on the position please contact the Mullion Group at [info@mulliongroup.com](mailto:info@mulliongroup.com)

*The Mullion Group is an equal opportunity employer*