

JKTech - Software Engineer

Reporting to the Senior Software Developer, you will be involved in defining, designing and developing the next generation of simulation and ore characterisation software solutions for minerals industry research and commercial applications.

Duties:

- Support our range of software solutions across all existing clients.
- Maintain and improve the performance of existing software and contribute to the development of a technical roadmap for future enhancements.
- Design, code and test applications using the most appropriate mix of technologies and methodologies for the task.
- Test and maintain software products to ensure strong functionality and optimisation.
- Building, packaging and releasing of software products.
- Supporting clients in our software products.
- Collaborate with research group on productization of research results.
- Transfer specifications and designs into software solutions.
- Commitment to sustainable business practice and continuous improvement of industry operations.

Profile:

- Bachelor degree in Computer Science, Software Engineering or equivalent.
- 3+ years' experience developing, supporting and enhancing software code in client software applications.
- Experience in C++ and C#/.Net . Experience in additional software languages will be well regarded.
- Exposure to creating GUI using WPF, and/or MFC will be highly regarded.
- Exposure to design patterns, documentation, design, release control in software development.
- Exposure to modelling algorithms and simulation platforms will be highly regarded.
- Demonstrated problem solving and troubleshooting skills.
- Exposure to the mining industry or a related scientific or technical domain will be highly regarded.
- Ability to quickly become acquainted with an unfamiliar technical domain, and the capacity to translate technical specifications into a working software solution.