

Intermediate Software Developer/Analyst

Kinsol is looking for a technically oriented programmer to join our development team. Successful applicants will work on one or more software research projects based on their skills and interests. The ideal candidate will be a driven team player who takes ownership of their work, collaborates effectively, and champions ideas from whiteboard to production.

Key Abilities

- Must be able to produce high-quality code, with an eye for testing and design
- Must be able to communicate clearly, both orally and in writing
- Must be self-motivated and able to work as part of a team

Qualifications

- Degree in Computer Science, Software Engineering or equivalent
- Minimum of 3 years professional experience
- Software development experience, with one or more relevant languages (Python, JavaScript, TypeScript, C/C++, Go), Python is preferred
- Experience developing and deploying in cloud environments (GCP, AWS)
- Ability to design large-scale data systems targeted towards high-volume data processing and storage
- Experience with databases (PostgreSQL, MySQL, MongoDB, Redis, CouchDB, BigQuery)
- Familiar with modular development, object-oriented concepts, version control, documentation and unit tests
- An understanding of client/server architecture and software design patterns (MVC, microservices, event-driven architecture)
- Ability to operate Linux servers in a remote terminal environment

Additional Assets

- Experience with the theory and application in any of the following areas: digital signal processing (DSP), probabilistic reasoning, machine learning (ML), audio, natural language processing (NLP), computer vision (CV)
- Experience server-side frameworks (Flask, FastAPI)
- Experience building distributed systems
- Experience with agile development and collaborative software practices
- Experience with Docker containers and continuous integration
- Experience with message brokers (RabbitMQ, ZeroMQ, Redis, Kafka)
- Experience with python libraries such as NumPy, Pandas, Polars, Scikit-learn, Tensorflow
- Experience managing Kubernetes clusters and writing/deploying Helm charts
- Experience with infrastructure-as-code
- Front-end experience (JavaScript, CSS, HTML5, React)

About Us

Kinsol provides scientific software research and development services to startups and mature technology companies. We operate at the forefront of emerging technology, with expertise in computer vision, machine learning, and IoT systems.

We offer a dynamic work environment with the opportunity to work on challenging and interesting problems, a centrally located, bike-friendly office with harbour views in Vic West—minutes from downtown—foosball matches, great coffee, and a comprehensive health and dental plan along with RRSP matching.

Contact Information

Please send your resume and cover letter as a PDF to jobs@kinsol.io with "**Intermediate Software Developer/Analyst**" in the subject line.

