

## Software Developer (100%)

### We want you!

Clinerion is a Swiss-based software and services company with international operations in the US, Switzerland and Turkey. Clinerion provides disruptive software solutions supporting life sciences companies and hospitals in the process of developing new medicines.

One of our key solutions is the Patient Network Explorer (PNEx), which automatically finds eligible patients for clinical studies in Big Data settings, such as hospitals and other healthcare organizations. In drug development, this addresses a major problem of finding significantly more eligible patients faster and at lower costs. PNEx works through integration with electronic health records at hospitals and represents a federated network of servers, allowing central querying and local patient identification. PNEx also generates data for Real-World Evidence.

To strengthen our existing Software Development Team in Basel we are currently hiring a **Software Developer**. The applicant preferably lives within commuting distance from Basel. This position is open to start immediately or upon agreement.

### Job description:

As a member of Clinerion's Core Development Team, you will build and maintain server-side persistence and service components. High communication and working skills in locally distributed teams, understanding and focused working while fulfilling requests for incremental enhancements of our services is part of this role. The ideal candidate is someone with a solid understanding of object-oriented concepts within service-oriented web application development. An understanding of how software design choices impact performance and maintainability in production ready solutions is essential. You will work in an agile and collaborative team environment that encourages performing at your best and challenges you to engineer elegant solutions for complex business problems. You will work with senior developers and technical lead to design and develop robust and scalable software.

### Tasks:

- Implementation of PNEX services: Business logic, semantic / persistence layer; service composition and work flows.
- Analyze user requirements to derive software design and performance requirements.
- Design and code new software or modifies existing software to add new features.
- Implementation of interfaces to 3rd party applications and databases.

### Requirements include:

- Bachelor's or master's degree in computer science or closely related discipline.
- Strong Object-Oriented design skills, understanding of enterprise software design patterns and data structures. Good experience in using Design Patterns.
- Very Good Experience in JAVA development, IDE (Eclipse), Build Tools (Maven).
- Experience in working in agile development teams (Scrum, Sprint, JIRA).
- Ability to work independently or as part of a team. Effective interpersonal and team-oriented communication skills.
- Excellent analytical and problem-solving skills, creativity in finding problem solutions, willingness to learn new technologies.
- Experience with Big Data concepts: indexing technologies (e.g. Lucene) and NOSQL (MongoDb), relational database technologies.

- Experience with server-side architectures: Spring, JDBC, Hibernate, REST/SOAP base Services Service Oriented Architectures, Cloud computing services. Experience with statistic frameworks such as R or data warehouse technologies.
- Experience with web application engineering skills: Servlets, HTML, JavaScript (e.g. Angular, Dart, jQuery).
- Ability to support and provide help to various teams such as QA, Operations etc.
- Ability to thrive in a dynamic and international start-up environment.
- Excellent English language skills, additional languages a plus.
- Applicable Swiss or EU work and residence permits.

## How to apply?

Please send your CV and motivation letter to [frank.madoerin@clinerion.com](mailto:frank.madoerin@clinerion.com).