

Full Stack Clinical Software Developer

Position Overview

We are seeking a passionate and driven **Full Stack Developer Intern/Apprentice** to assist in the development of a **custom software tool** designed to enhance the efficiency and accuracy of medical writing processes. The ideal candidate will have experience with **React** for frontend development and **Python** or **Node.js** for backend, and a keen interest in **AI** applications to automate and support content generation. The role also involves deploying solutions using **AWS** cloud services.

Location: France, Mulhouse (KM0) for intern/apprentice, hybrid working may be considered for a permanent position

Contract: Intern/Apprentice (CDD/CDI may be considered), up to 35 hours/week

Responsibilities

As a **Full Stack Developer Intern/Apprentice**, you will:

- Work closely with medical writing and technology teams to understand their needs and translate them into a software tool that improves workflow and document management
- Develop user-friendly frontend interfaces using **React**, tailored to the unique requirements of medical writers
- Build backend services and APIs using **Python** or **Node.js** to support the software's features, including document tracking, content suggestion, and data analysis
- Help deploy and manage the tool on **AWS**, ensuring reliability, scalability, and security
- Collaborate in the integration of **AI** functionalities (e.g., natural language processing, automated content generation) to assist writers in content creation and review
- Participate in Agile development sprints, ensuring timely delivery of features and bug fixes
- Provide support in testing, debugging, and optimising the application for performance
- Keep up with advancements in **AI**, cloud computing, and web development to implement the latest technologies and best practices

What you will need:

- Proficiency with **React** and **JavaScript** for frontend development
- Familiarity with backend development using **Python** or **Node.js**
- Knowledge of **AWS** services (e.g., **EC2**, **S3**, **Lambda**)
- Experience with **RESTful APIs** and/or **GraphQL**
- Understanding of **SQL** or **NoSQL** databases
- Interest in **Artificial Intelligence** and its application in automating tasks related to writing, document management, and content generation

Preferred skills:

- Experience with **CI/CD pipelines** and containerization tools like **Docker** or **Kubernetes**
- Familiarity with **AI/ML tools** (e.g., **Natural Language Processing**, **Text Analysis**, **Machine Learning** frameworks like **TensorFlow** or **scikit-learn**)
- Knowledge of **medical writing** workflows or a willingness to learn the unique challenges faced by medical writers
- Experience working in an **Agile** environment

Soft Skills:

- Strong communication skills to collaborate effectively with both technical and non-technical teams
- A keen attention to detail, especially when working with medical documentation and data
- Eagerness to learn and implement emerging technologies, particularly in the field of **AI** and **medical writing tools**

Education & Experience

- Currently pursuing or recently completed a degree in **Computer Science**, **Software Engineering**, or a related field
- Some hands-on experience with web development projects, either through internships, personal projects, or coursework
- A strong interest in healthcare, medical technology, or AI-driven solutions is a plus

If you are interested in this position, please [complete the form](#) on the recruitment page.