AVATAR MEDICAL

Full-Stack Web Developer

Paris, France + Remote

AVATAR MEDICAL SAS is an exciting new MedTech start-up that aims to radically enhance how surgeons prepare their surgeries.

Based on technology developed at the **Institut Pasteur** and **Institut Curie**, **AVATAR MEDICAL** uses advanced image processing algorithms coupled with virtual reality (VR) to transform medical images into lifelike patient avatars. This vehicle grants surgeons an excellent understanding of their patients' pathology via an interactive VR experience. **AVATAR MEDICAL** is a laureate of the prestigious **BPI i-Lab** and **BPI i-Nov** competitions for innovative French startups and is winner of the **Laval Virtual 2022 Grand Prix**.

AVATAR MEDICAL's leadership team consists of passionate French and American co-founders with proven experience in tech entrepreneurship, sales, marketing and scientific research. Our technology, being commercialized between France and the USA, is developed by a talented team of physicists and software engineers who work closely with the **Decision & Bayesian Computation Laboratory** at **Institut Pasteur** and renowned hospitals in France and the USA.

We are recruiting a **Full-Stack Web Developer** to join our technology team and play an exciting development role in our next-generation product. The successful candidate will lead web frontend- and backend-related tasks of our unique software with the objective of local and cloud accessibility. He/she will join a research and development team consisting of software engineers and PhD students within a fast-growing startup that seeks to make a real difference in how doctors treat their patients.

Roles
- Testing and debugging the software to continuously improve quality and performance
- Design of user interactions, prototyping, deployment and continuous improvement of visuals
- Ensure cross-platform compatibility across different devices and browsers
- Considering security, maintenance, scalability, and more when developing
- Take the lead on frontend development tasks including UI design
- Work with our Quality Team to ensure medical device compliance
- Play an integral role in the maintenance of our technology development roadmap
- Supervise, coach and mentor junior and intern developers through code reviews and best practices discussions
- Participate in salons and technology conferences to promote our technology

Required Qualifications
- 3+ years full-stack commercial web development experience
- Frontend experience: React (JavaScript, TypeScript), HTML, SCSS
- Backend experience: Node.js
- Basic DevOps experience: CI/CD, AWS (or other cloud services), Docker
- Agile development experience (e.g. source control, release cycles)

- Strong interpersonal skills who can work in a highly interdisciplinary/international team environment
- Strong analytical and critical thinking skills and the ability to manage multiple projects
- Effectiveness at communicating design/engineering trade-offs
- Equivalent of undergraduate degree in software engineering, computer science or related discipline

Nice-to-Have Qualifications
- Object-oriented design skills and knowledge of application architecture patterns
- Mobile development experience (Android, iOS)
- Game development experience (Unity, Unreal Engine)
- XR development experience
- Knowledge of WebRTC protocol
- Bilingual English/French

Contract Type
Contrat à Durée Indéterminée (full-time permanent position)

Location
The position will be located at PariSanté Campus (2-10 Rue d'Oradour-sur-Glane, 75015 Paris).

Remote Working
In light of the COVID-19 pandemic, the position will be partially remote depending on the sanitary situation in the Ile-de-France region.

Recruitment Process
The successful recruitment process will take place as follows:
1. Selection for a first informal interview with the CTO
2. Selection for a second technical interview with the CTO and Lead Developer
3. Interview with the CEO
4. Job offer

Contact
Please contact jobs@avatarmedical.ai with your
- CV
- Link to your personal code repository (e.g. GitLab, GitHub)
- References