



# Software product engineer

## Who are we?

BioLizard is a growing scale-up company providing bioinformatics and software engineering solutions for customers in biotech, pharma and academia. Typically, a lizard adjusts to its surroundings and that is exactly what we do. At BioLizard we adapt to our customers' data environment! The life sciences research field is rapidly becoming more data-driven, and we offer state-of-the-art bioinformatics, data science, software engineering and machine learning solutions to help solve our customers' biological questions. We're excited to expand our team developing BioVerse, our innovative framework that empowers our customers to transform biomedical data into actionable insights.

BioVerse is a flexible SaaS framework providing all the ingredients to rapidly deliver secure, scalable, and high-quality bioinformatics and data science web applications. It serves as a delivery vehicle for interactive exploration of results, a means to productize our core services, and a foundation to develop bespoke applications for our customers.

We're seeking a talented software product engineer to join our BioVerse product engineering team.

## Job requirements

- Master's degree in Computer Science, Software Engineering, or equivalent practical experience
- Proficiency in Python and at least one other general-purpose programming language
- Experience with web application frontend development (preferably using React)
- Experience with RESTful API design and implementation
- Familiarity with cloud computing platforms (e.g., AWS, Azure, GCP)
- Experience with version control systems, CI/CD pipelines, and containerization technologies
- Excellent problem-solving skills and attention to detail
- Strong communication skills and ability to work in a multidisciplinary team
- Eagerness to learn and adapt to new technologies and client needs
- Affinity with bioinformatics is considered a plus

## Responsibilities:

- Design, develop, and maintain both frontend and backend components of the BioVerse framework
- Collaborate with cross-functional teams to integrate bioinformatics workflows, data management systems, and visualisation features into the framework
- Implement and optimise features for data findability, visual analytics, and overall user experience

- Contribute to the framework's plugin architecture and ensure scalability across cloud deployments
- Participate in the full software development lifecycle, from conceptualization and roadmap planning to deployment and maintenance

## Job offer

- The opportunity to make a fundamental impact on a unique and groundbreaking software framework that is shaping the future of biomedical data analytics
- A challenging and motivating, international work environment where innovation thrives
- Collaboration with top-tier professionals in bioinformatics, data science, and software engineering
- A personal growth trajectory focusing on self-development and knowledge expansion
- The perfect balance of startup energy and established company support
- An attractive salary package with additional benefits

Join us in our mission to transform biomedical data into life-changing insights. As one of our team members puts it: "Working on BioVerse is like being part of an exciting innovative startup, but with the backing and expertise of an established industry leader. It's the best of both worlds for professional growth and impactful work."

Interested in becoming a key player in the BioVerse revolution? We'd love to hear from you!

Please send your CV with a one-page motivation to [jobs@lizard.bio](mailto:jobs@lizard.bio).  
Find out more information at [www.lizard.bio](http://www.lizard.bio).