

## (Senior) Software Developer Rail Infrastructure (f/m/d)

Systems Lab 21 GmbH is a young IT engineering company enabling the digital future of Europe's railway system. We are searching for engaged software engineers who are looking for an impact on sustainable mobility, their own work environment, and technical solutions.

Our mission is to make rail travels in Germany and Europe more efficient and reliable by streamlining the planning, testing, and commissioning of Digital Railway Infrastructures.

We are very well networked with operators such as DB Netz (German Railway) and SBB (Swiss Railway), as well as with manufacturers and approval bodies. For them, we demonstrate technical feasibility in research projects, provide an integration platform (*EULYNX Live*) and advise on strategic technology decisions.

Our solutions are coordinated with European standardization committees, which makes them applicable in many European countries.

### About the Position

- You will focus on full-stack development and continuous integration & delivery for test automation solutions.  
In our backend we work with C# and C++; tools of the trade include Docker and Kubernetes. Our frontend is based on JavaScript/TypeScript and React.
- More important than many years of experience with these technologies is that you bring openness and ambition to develop yourself further and to open new problem areas.
- We are a service provider for our customers: You come into personal contact and develop your own ideas to solve their problem. You consult clients and carefully implement solutions within the given timeframe.
- We already have a profitable business that is fully owned by the founders, without outside investors. However, nothing is set in stone, and we are jointly responsible for growing a company worth working for.

### Compensation

Senior: 67,000 - 80,000 EUR/year

Mid: 48,000 - 60,000 EUR/year



## About Systems Lab 21 GmbH

Situated in Potsdam Griebnitzsee on a green, modern science campus next to a lake and close to Berlin, we are a small team of engineers who want to bring positive change to European mobility – both technically as well as culturally. In our mindset, creative exploration and designing dependable software architectures are always connected. We believe in lean principles, fast decision processes, autonomy and joint ownership of our business and solutions.

To support this close collaboration, we currently work 3 days per week onsite in Potsdam and grant you full flexibility to work from anywhere for the remaining time. You don't have to worry about the *Öffi* fare, we will fully cover your *Deutschlandticket* public transport subscription.

Outstanding software engineering is our core competence. We deliver working software in a short period of time and use our expertise to find scalable and long-term solutions for the new challenges of the rail sector.

Rather than just fruit baskets and free soft drinks, we offer you a real opportunity to make a large scale, purposeful impact on our future.

## Contact

Robert Schmid, Managing Director  
Systems Lab 21 GmbH  
August-Bebel-Str. 88  
14482 Potsdam  
Phone +49 162 417 2295 | [jobs@systemslab21.com](mailto:jobs@systemslab21.com)