



## Vulnerability Researcher

Research & Development / Bochum / Full-Time

Sonar's industry-leading solution enables developers and development teams to write clean code and remediate existing code organically, so they can focus on the work they love and maximize the value they generate for businesses. Its open-source and commercial solutions – SonarLint, SonarCloud, and SonarQube – support 30 programming languages. Trusted by more than 400,000 organizations globally, Sonar is considered integral to delivering better software.

With your domain expertise and experience, you will shape an innovative Security R&D team at SonarSource. You will explore vulnerabilities and exploitation techniques that help to push our code analysis technology to the next level. By sharing your security research and findings with a worldwide community, you establish a reference of trust for code security and help developers to write clean code.

### On a daily basis, you will

- Uncover, discuss, exploit and report critical and complex vulnerabilities in popular open-source web applications (see <https://blog.sonarsource.com/tag/security/>)
- Research new and existing vulnerability types as well as exploitation techniques
- Automate the detection of vulnerabilities in well-known applications by using our best-in-class code analysis technology
- Share your research and findings with the worldwide community by writing blog posts or presenting at international conferences

### Your profile

- You have a proven track record of code review to find critical security vulnerabilities in web applications
- You have a deep understanding of major security vulnerability types, how to spot these in source code, and how to exploit them with different techniques
- You have solid programming skills in at least one of the following languages: Java, JavaScript, C#, Python or PHP
- You are passionate, creative, and methodical when auditing new source code autonomously and you can think outside the box
- You care about professional and responsible disclosure of security vulnerabilities to the affected vendor
- You are fluent in English, both written and spoken, and are able to explain complex security concepts in a structured and understandable way

### Why you will love it here

- Safe work culture - we value respect, kindness, and the right to fail.
- Flexible hours - we schedule our days in order to be effective at work, while also being able to enjoy life's important moments.
- Great people - we value people skills as much as technical skills and strive to keep things friendly and laid back. Still, that does not prevent us to be passionate leaders in our domains. Our 300+ SonarSourcers from 33 different nationalities can relate!
- Work-life balance - keeping a healthy work-life balance is important. This is why we have a hybrid work policy and some people prefer working some days from home.
- Always keep learning - in an ever-changing industry, learning new skills is a must, and we're happy to help our team to acquire them.