



## FRONTEND DEVELOPER (M/F/D) - STUDENT POSITION AT OPEN SOURCE SECURITY VENTURE (CODESHIELD)

### VENTURE DESCRIPTION

The founding team is a young IT-security venture with open-source enthusiasts. It consists of established computer-science researchers who believe that software security should be easy and fun. Unfortunately, state-of-the-art security scanners mostly fail to deliver these values and are unable to deliver proper security solutions for the ever more ubiquitous micro-service/serverless cloud applications. To solve these issues, the venture team builds a next-generation cloud-native security scanner to empower developers to conveniently write secure cloud applications. The CloudScan application allows serverless application developers to easily visualize and keep an overview of their projects' architecture including security holes that span across a multitude of serverless/micro-service components.

#### What you will do:

- Lead the design and development of the scanner's frontend.
- Create a dashboard visualizing statistics of conducted scans and their results.
- Detailed listing of conducted scans giving an overview on results.
- Visualize graph-based serverless-architecture.
- Present components for various kinds of security vulnerabilities and user management component.

#### What we look for:

- Experience in frontend development and JavaScript savvy.
- Experience with common frontend development frameworks (e.g. Vue.js, React, Angular, etc.).
- Experience with graph visualization and layouting are beneficial.
- Knowledge in backend development (Java, Postgres, Docker) and experiences with AWS are a plus.
- Proficiency in English while German is beneficial.
- Self-organized and enthusiastic to learn and explore new ideas.
- Strong interests in UI and UX design.

### WHAT WE OFFER YOU

We have entered a decade of disruption, driven by a dramatic shift in the power of technology and the audacity of startups. In order to be fit for the future, visionary companies will deliberately re-imagine themselves by injecting or attacking established business models with new ideas fueled by technology. Now it is your chance to be part of such a venture.

You have the chance to join an expert team at one of the world's most innovative cybersecurity ventures securing society in a digital age.

### BENEFITS AND OTHER PERKS

You get the chance to discuss product development with leading researchers and have exclusive insights into to process of gaining market readiness and traction as an early stage venture. Work in an open and inspiring environment with a flat hierarchy, a young and motivated team and flexible working hours also from home. The venture offers the chance to work on current-edge technology with a competitive salary and is exited to hear from you.

### APPLICATION

If this challenging task appeals to you, we look forward to get to know you. Please send your questions or application together with the usual documents (complete curriculum vitae, certificates, references if available) – summarised in a PDF document – by e-mail to: [ventures@cispa.de](mailto:ventures@cispa.de).