

# Lead Full Stack Software Engineer

## Job Description

The Lead Software Engineer is a technical role within Forward Security's Product domain, responsible for development and operation of the Eureka application security orchestration and threat management platform, and integration of security automation tools.

A limited version of the Eureka platform is currently used as part of Forward's managed DevSecOps service offering to ease the integration and orchestration of security automation tools within clients' CI/CD pipelines. The goal is to develop these capabilities further, in addition to providing a central place to view all security issues identified from automated and manual assessment activities and integrating with different issue tracking systems.

At Forward Security, we foster a culture of collaboration, excellence, openness, community, and teamwork. We are passionate about software and security and aim to build a world-class team of likeminded individuals who share the same vision as we do.

## Responsibilities

- Lead the development, deployment, and maintenance of front and back-end services, as well as the Azure Cloud infrastructure for the Eureka platform
- Work closely with the solution architect, project owner, product manager, and other team members
- Apply engineering best practices to design, build, and operate secure systems
- Integrate security automation and issue tracking tools into the Eureka platform
- Develop custom Python scripts to automate application authentication for active scans
- Assist clients with integrating Eureka into their CI/CD platforms, such as Jenkins, TeamCity, or Azure DevOps
- Create automated security tests to address top application and cloud security issues for client application systems.
- Measure application performance and continually improve the platform.
- Troubleshoot issues and assist in solving client problems as necessary.
- Keep current with industry trends and developments that can be applied to company needs.
- Contribute to Forward Security's growth and role as an industry leader by delivering best-in-class services.
- Identify areas for process improvement and automation.
- Provide regular updates to Forward Security leadership on key activities, metrics, accomplishment, and blockers.

## Qualifications

- Bachelor's Degree in Computer Science, Computer Engineering, or equivalent.
- **5+ years of software engineering experience**, including full stack development and work in a DevOps team environment.
- Strong knowledge of data structures, system design and algorithms.
- Experience with development of modern **REST API** and microservices based web applications.
- Fluent in CSS, JavaScript and HTML, with an understanding of CSS preprocessors including Sass and LESS.
- Expert in **JavaScript, Node.js, Express, and React**, as well as good working knowledge of Python and Redux (Java and Spring Boot, or C# and .Net experience is a plus)
- Working experience with server technologies including Node.js, and Nginx (Tomcat is a plus)
- In-depth experience with database platforms (MS SQL Server preferred).
- Experience with JS-based tools including Bower, Grunt and Gulp.
- Understanding of libraries including Backbone.js and jQuery.
- Ability to create and execute test plans and provide supporting documentation and metrics.
- **Experience with at least one major cloud platform (Azure preferred)**
- Familiarity with automated security assessment tools such as OWASP Zap, SonarQube, etc.
- Familiarity with static and dynamic security analysis tools, as well as black-box and white-box methodologies.
- Highly motivated, self-starter, team player, and driven to overcome obstacles.
- Excellent written and verbal communication skills, with a strong attention to detail.
- Passionate about software and security with an Ethical Hacker mindset.