# Full Stack Software Engineer

Job Description

The Full Stack Software Engineer is a team contributor role within Forward Security's product domain, responsible for development of the Eureka application security orchestration and threat management platform, and integration of security automation tools. The technology stack includes modern frameworks such as React, Node.js, Express hosted in Azure as microservices or serverless functions, exposed as REST APIs.

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

- Contribute to 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.

## Benefits

At Forward, our employees are the most important assets. We believe in teamwork, growth, flexibility, work-life balance, and living happy lives. We encourage a "work-hard, work-smart" mindset and a positive work environment where employees feel free to be themselves and explore their interests.

- Great benefits package
- Generous time off
- Employee stock options
- Remote work primary
- Regular team events (weekly happy hour, monthly brown bag session and hacker hour)
- Mentorship & Learning development opportunities