Second Factor, Inc.
1118 Pekay St SW
Vienna, VA 22180

Second Factor Inc (SFI) is looking for a Senior Cybersecurity Architect who will plan and design security solutions and capabilities to enable an organization to identify, protect, detect, respond, and recover from cyber threats and vulnerabilities. This individual defines and develops security requirements using risk assessments, threat modeling, and analysis of existing systems.

They are expected to have a thorough understanding of complex IT systems and stay up to date with the latest security standards, systems, and authentication protocols, as well as best practice security products. This is a highly collaborative position that requires an understanding of the client organization business needs and provides secure technical solutions to meet those needs. Partners with stakeholders to encourage the adoption of security-compatible designs and best practices.

## Required Skills:

- Excellent oral, written, and visual communication skills
- Strong problem-solving ability and analytical skills
- Strong understanding and knowledge of best practices for securing networks and computer systems
- Knowledge of networking systems, architecture
- Knowledge of Microsoft O/S and services
- Knowledge of Linux O/S and services
- Knowledge of VM technologies
- Knowledge of cloud integration and security approaches
- Development and maintenance of security documents and artifacts.
- Active participation in Change Management and Engineering Review activities
- Assist ISSOs and system owners in understanding information protection requirements supporting the mission
- Assesses the effectiveness of security controls against industry and customer standards
- Designs system security architecture by collaborating with the business and development lines and analyzes proposed system architectures
- Understands how proposed system design modifications impacts the security posture of the enterprise as a whole
- Reviews and participates in the authoring of security policies to provide guidance for system design principles.

## Qualifications:

- Bachelor’s degree in computer science, Computer Engineering, Cybersecurity, or 8-10 years’ experience.
- Top Secret clearance with the ability to obtain SCI and pass a CI Poly
- DoD 8570 IAT III or IASAE III certification (e.g., CISSP, CISSP-ISSEP, CISA, CCNP-Security, GCED, GCIH)

## Desired Skills:

- Knowledge of Agile Methodologies, lean system development, and Continuous Integration/Continuous Deployment (CI/CD) methodology
- AWS or Azure cloud certification
- Skill in evaluating the adequacy of security designs
- Skill in assessing security controls based on cybersecurity principles and tenets.
- Experience preparing written reports and oral presentations for a variety of audiences, to include individuals outside of the organization
- Knowledge of PII data security standards.
- Knowledge implementing multi-factor authentication, single sign-on, identity management or related technologies
- Knowledge or experience implementing a zero-trust architecture
- Knowledge or experience with Splunk.
- Experience preparing written reports and oral presentations for a variety of audiences, to include individuals outside of the organization.
- Knowledge of PII data security standards

## Job Type:

- Full-time

## Benefits:

- 401(k)
- Dental and Vision insurance
- Health insurance
- Life insurance
- Paid time off

## Ability to commute/relocate:

- Reliably commute into Washington DC

## Education:

- Bachelor's degree in computer science, Computer Engineering, Cybersecurity, or 8-10 years' experience.

## Experience:

- Top Secret clearance with the ability to obtain SCI and pass a CI Poly
- DoD 8570 IAT III or IASAE III certification (e.g., CISSP, CISSP-ISSEP, CISA, CCNP-Security, GCED, GCIH)

## Work Location:

- One location

Second Factor is an equal opportunity employer and does not discriminate or allow discrimination on the basis of race, color, religion, gender, age, national origin, citizenship, disability, veteran status or any other classification protected by federal, state, or local law.