

Lead Software Engineer

Location: Washington, D.C.

With minimum guidance provides top-level technical expertise, including performing in-depth and complex software systems programming and analysis within multiple systems, software disciplines. As well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products.

Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Assists with design, coding, benchmark testing, debugging and documentation of programs. Interfaces with other system support groups to resolve problems, setting standards and improving overall efficiency of the operating system. Designs, codes, tests and implements tools for operations automation. Works on most phases of software systems programming applications, and may require instruction and guidance in other phases.

Develops software design documents and technology white papers. Responsible for developing high level system design diagrams and for program design, coding, testing, debugging and documentation. Instructs, directs, and checks the work of other task personnel.

Interacts with project management to plan project schedules and technical direction. Instructs, directs, and checks the work of other task personnel. Responsible for quality assurance review and the evaluation of existing and new software products.

- Software engineering and development experience with Proficiency in JavaScript, TypeScript, Angular (or similar framework),jQuery, Bootstrap, REST API, .NET, C#, VS Code, Visual Studio, SharePoint Designer Workflows, SPFX, Node.js
- Experience with SharePoint
- Well versed with using version control systems and issue/problem tracking systems such as Git, TFS/Azure DevOps, Jira, and Confluence
- Demonstrated experience developing and implementing web applications and RESTful web services.

- Working knowledge of key Agile processes, techniques, and methodologies such as Scrum, Kanban, and SAFe
- Experience working in Agile team environment with analysts, developers, testers, production support staff, stakeholders, and external vendor partners.
- Understanding of Test Driven Development (TDD) and experience unit testing their code and performing code reviews.
- Troubleshooting and problem solving skills, with the use of debuggers
- Ability to apply and identify best practices and standard operating procedures
- Excellent communication skills (written and verbal)
- Ability to communicate and collaborate with peers and leaders to explain basic concepts, designs and approaches for the tasks assigned.

Qualification:

- TS/SCI level clearance is required
- BA/BS in Computer Science, Computer Information Systems or Software Engineering
- Security+ certification
- Three (3) years' experiences managing a Windows environment. ·

Position requires at least ten (10) years of experience in the above-cited duties

- Additional years of experience may be substituted in lieu of degree