# Full Stack Software Application Developer/Engineer
## Senior Position

**Position Description**

SSC is seeking highly motivated full-stack developers to create enterprise and customer-specific software applications. You will develop code solutions that provide custom web-based UI/UX workflows for complex planning, testing, real-time monitoring and analysis. You will lead and guide agile-based software development in a collaborative environment with other developers, system engineers, customers, and subject matter experts. You will work with subject matter experts and system engineers to identify requirements, design software architectures, develop tests, and deliver high-performance solutions. Successful candidates will have input to company-wide code development, practices, training and governance.

**Required Technical Skills and Qualifications**
- Mastery of React (2 years) and JavaScript (3 years)
- Experience with Git and package managers
- Demonstrated expertise with backend technologies such as Python (preferred), Node, Go, or Ruby
- Demonstrated expertise with SSR and SPA concepts; Docker and image registries; JavaScript UI libraries; REST; and GraphQL (Apollo)
- Experience developing UI mockups
- Experience with software architecture design and development

**Desired Additional Technical Skills**
- Experience with GIS componentry (OpenLayers, Leaflet, Cesium), Material UI, and PWA concepts (workers, manifests, responsive layouts, progressive enhancement)
- Knowledge of software application security practices
- Exposure to wireless communications systems and applications such as Software Defined Radio (SDR), Cognitive Radio, constraint solvers, signal processing, and RF propagation
- Experience with C++ and Linux
- Advanced math skills: optimization; applied probability and statistics; data analytics methods
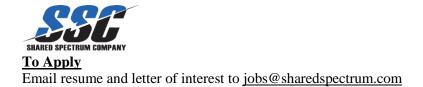
**Professional Skills**
- Experience with web-based architectures, database technologies, UI/UX design
- Demonstrated expertise with "good coding" practices, processes, and techniques
- Ability to mentor and lead groups of software developers
- Creativity, innovation, and problem solving
- Strong written and oral communications; time management; motivation

**Other Qualifications**
- Required: US citizenship or Permanent Residency
- Minimum 8 years of experience with demonstrated qualifications as described above
- A STEM-based degree (e.g., Computer Science, Electrical or Computer Engineering) is desired, but can be offset by demonstrated expertise in the required and desired skills gained through professional experience

**We Offer**
- Competitive pay and benefits (Medical insurance, 401(k) plan, paid vacation and holidays)
- Free parking
- Easily accessible to DC and VA (walking distance to Metro station)

**To Apply**
Email resume and letter of interest to jobs@sharedspectrum.com

**Company Description**
Shared Spectrum Company (SSC) is a pioneer in the development of innovative wireless advanced technologies that are revolutionizing the use of RF spectrum.  SSC has a unique technology development culture focused on technical excellence, innovation and execution. This is a unique opportunity to gain invaluable experience in one of the most important technological advancements in wireless communications technologies today.
SSC is an Equal Opportunity Employer.