



Frontend Software Developer

Position Overview

The frontend software developer supports Gravwell's software engineering group which is responsible for the design, development, and testing of the core Gravwell analytics frontend platform and will report directly to the CTO. Well suited candidates are self-motivated and capable of working remotely on tasks which may be self-designated. Candidates must be US citizens and resident in the contiguous 48 states.

The Gravwell platform is a highly dynamic data analysis and visualization platform designed to process and display large sets of unstructured data, manage automation tasks, and interface with custom 3rd party components. Candidates are expected to be comfortable on a Linux platform, have 2 years of experience in JavaScript and/or TypeScript, Angular, and REST APIs. Candidates should be able to demonstrate a strong understanding of modular code, software development life cycles, unit testing, and end-to-end testing. A willingness to learn and not be afraid of tough challenges is a big plus to work at Gravwell.

Duties and Responsibilities

- Design, development, and testing of Gravwell's frontend
- Web Development
 - HTML, CSS, Web workers, Web Components
- Documentation of architecture, code, and user interfaces
 - Customer facing documentation
- Testing and development of API and plugin modules
 - Component reuse
 - Loadable components
- Internationalization / localization
 - I18n
- End platform responsiveness
 - Desktop, mobile, responsive design

Required Skills

A qualified candidate must be well versed in TypeScript, Angular, REST, and WebSockets. Gravwell is a full stack analytics platform, and developers and engineers are responsible for data from generation to visualization. The position requires a candidate that takes ownership of problems and works efficiently to produce effective, well tested solutions. Good candidates find gaps in the team and product and work to improve them without being asked and can effectively manage both short term and long term goals.

The position is remote and requires minimal travel. Extensive remote communications are required and the candidate must have a quiet working environment and reliable means to interact with the rest of the remote team. Strong communication skills are necessary to effectively interact with the rest of the team and to participate in customer feedback sessions.

Software Engineering Requirements

- Strong web development fundamentals including but not limited to:
 - Angular (not AngularJS)
 - TypeScript
 - JavaScript
 - REST and WebSocket APIs
 - JSON
 - HTML / CSS / Responsive design
- Visualization experience
 - D3, Vega, Canvas programming
- Web interfaces
 - REST, WebSockets, API design
- Modular code design
 - Module reuse
 - Loadable modules and custom interface design
- Strong speaking and writing skills
 - Fluent in English
- Software development life cycle
 - Git
 - Cypress
 - Continuous integration

Preferred but not required skills

- Rapid development and testing
 - Docker, KVM, VMWare
- Visualization development and integration with rendering libraries
 - D3, Vega, Canvas, Echarts
- RxJS/NgRX

About Gravwell Inc.

Gravell Inc. is a data analytics and security company composed of people with extensive backgrounds in penetration testing, reverse engineering, analytics, incident response, and large scale emulytics. We are striving to push the boundaries of traditional I.T. security and analytics products by enabling high speed binary compatible analysis. Our platform is ground up, not a bolted together conglomerate of disparate technologies and we take pride in enabling customers to ingest, store, and analyze all of their data without compromise. Gravwell's core mission is to enable teams in IT, OT, and marketing to perform hunt operations; which means enabling humans to identify and understand data features and emergent behaviors in IT operations, physical systems, security incidents, and marketing.

Do you breathe Angular? Do you love to build dynamic sites? Checkout our [position description](#) and [email us](#) your CV, a cover letter, and a link to your public work (github).