



## Junior Frontend Engineer

### Objective of role

Cogitare is a software house specialising in innovative application development to improve our railways. We are looking for a highly capable Junior/Trainee Frontend developer to:

- Work hand in hand with our senior developers to develop and improve Cogitare's software products using the latest web application technologies (JavaScript, Angular and D3.js).
- Quickly learn the technologies we use and understand the products we are developing with our close support.
- Work closely with the team to combine software with industry knowledge to develop innovative software products to solve rail industry challenges.

### Background

This challenging role combines software front end development with an understanding of the business purpose and technical solutions. The successful candidate will have excellent software front end development skills and be a fast learner who quickly understands the purpose and context of the code he or she is developing and new technologies they are using.

The person will work closely with Cogitare specialists to learn valuable, highly sought after skills, which combine software development using the latest technologies, with user and business knowledge to develop innovative software solutions to complex problems.

### Required Skills

- Understanding of Object Oriented JavaScript and ES2015+.
- Good knowledge of Angular 4+ Framework, practices and commonly used modules based on work experience.
- Know how to work with Material Design/Bootstrap or any other UI component library.
- Proficiency with HTML5, CSS3 and TypeScript.
- Should have knowledge of any of the CSS frameworks like SASS/LESS.
- Experienced in creating self-contained, reusable and testable modules and components.
- Passionate about front-end development.
- Inquisitive to learn new technologies and propose them for apt requirements.
- Knowledge of D3.js, C3.js or any other charting libraries.
- Working knowledge in handling API calls to transact with backend in a secure way.
- Know how to use Git and NPM.
- Excellent problem-solving skills.
- Excellent interpersonal skills - ability to gather requirements, obtain information, and develop mutually beneficial long-term working relationships.
- Excellent organisational skills enabling timely delivery.

### Desirable Skills

- Experienced in creating visualisations using d3.js.
- Experienced in developing and customising charts.
- University Degree 2:1 or higher preferably in technical discipline.
- Interest in one or more of the following fields: rail, engineering, statistics, economics / finance or asset management.
- Experience with simulation/analytics products (e.g. train system and signalling performance simulation).

### Benefits

- Mentoring and training in latest technology stack.
- Working within a small, friendly dynamic team.
- Developing exciting, highly innovative software.
- 25 Days holiday entitlement per annum.

### Cogitare Ltd - Company Information

Cogitare is a software and data analytics house applying these skills to improve value-for-money in the rail sector. Our value added is in combining software development and analysis skills with economics and system engineering to create innovative software products and convert data into valuable information. Our clients include public and private sector operators, infrastructure providers and suppliers.

**Salary:** £25-40k per annum (dependent on experience)

**Location:** Central London

**Interested?** Please send your CV and/or any questions to [robert.common@cogitare.biz](mailto:robert.common@cogitare.biz) by 11 Nov 2019.