The firm is an international consulting group, specialized in strategic and operational fields, with offices in France, Spain and Switzerland. Our company has an IT branch whose goal is to develop industrial solutions to be run in big interactive and tactile boards, to promote team work spirit and collaboration. These solutions will allow the different companies running our solutions to manage their daily work, help them prioritize their tasks and in the end pilot they own system in a more efficient way. The company is growing and have multiple projects for several customers all around the world. We currently require new members to join the development team to support our ongoing projects and start new ones in order to anticipate to the new market challenges.

In our business model we have different levels of development of our solutions. In particular, the end of 2015 we have delivered a solution to a customer helping him to manage its daily production and it is scheduled to deliver a 2nd version with more functionalities this mid 2016.

Due to confidential reasons with our customers, further information of our company will be given during our recruitment interviews.

Internship title
C# / .Net Developer

Job description
Context:
It has been delivered a basic version of a solution that pilots the daily production of one of our customers. The basic version is a desktop app developed in JAVA and makes communication with an existing software (SMART Meeting Pro) developed by a partner.

We are working in order to upgrade this solution to a second version with higher performance. A beta of this new version has already been developed which is a 3-tier architecture: client, server and data base.

Our solution is a set of several distributed applications that are organized as a sequence of different steps, allowing the users to define the best production plan in a structured way. Each application is a step of that sequence that will process incoming data and send the results to the next step (application) following a defined workflow (the information will go from one client to another, all of them executed on tactile screens).

The main technologies used are:
- MEAN: for web client, server, data base
- .NET: for W8 client
- Rest API: for client data models and contents

Mission
The mission of this internship is to participate to the development of the Front End of this 2nd version.

Within his duties there are:
- Develop Front End solutions for WinRt and UWP using C#, MVVM, REST.
- Collaborate in the specifications analysis and development planning with the technical leader.
- Contribute actively during the follow-up and monitoring of the project advancement, to ensure the delivery required on each stage

The candidate will join an international team in our Spain Office under the mentorship of the technical leader of the team.

This job position requires a good team work spirit and proven communication skills

Offer
The duration of our internships are from 4 to 6 months full time and are mainly for engineers or masters in their last year of their degree. If you want to move in the field of new technologies, you are an innovation passionate and want to grow with a team of professionals in a quality technical environment, you are looking for a company like ours. Curiosity, attraction to research and development and technology, are the essential qualities to integrate our teams. This internship requires an advanced level of autonomy and creativity, analytical mindset and rigor.

Candidate skills and competences
The candidate must have proven experience in .NET stack technology.
- C#/.NET skills
- Programming fundamentals: SOLID design principles, Design patterns.
- Knowledge of Agile methodologies
- Knowledge of Unit Testing, Test Driven Development and Continuous integration
- Knowledge of some version control system (preferably subversion or git)

English conversation level is a must (no certificate required)

Other desired skills:
- Knowledge of some SQL database (preferably MSSQL or MySQL)
- Familiar with any of the following WPF third party controls: Telerik, Infragistics, DevExpress, SyncFusion.
- Familiar with other front-end and back-end technologies of the company (MongoDB, Express, Angular, NodeJS)
- Java
- French conversation level

Duration / location
4 to 6 months / Barcelona

Internship title
Full Stack Javascript Developer

Job description

Context:
It has been delivered a basic version of a solution that pilots the daily production of one of our customers. The basic version is a desktop app developed in JAVA and makes communication with an existing software (SMART Meeting Pro) developed by a partner.

We are working in order to upgrade this solution to a second version with higher performance. A beta of this new version has already been developed which is a 3-tier architecture: client, server and data base.

Our solution is a set of several distributed applications that are organized as a sequence of different steps, allowing the users to define the best production plan in a structured way.

Each application is a step of that sequence that will process incoming data and send the results to the next step (application) following a defined workflow (the information will go from one client to another, all of them executed on tactile screens).

The main technologies used are:
- MEAN: for web client, server, data base
- .NET: for W8 client
- Rest API: for client data models and contents

Mission

The mission of this internship is to participate to the development of the Back End of this 2nd version.

Within his duties there are:
- Develop Back End solutions using the MEAN Stack.
- Collaborate in the specifications analysis and development planning with the technical leader.
- Contribute actively during the follow-up and monitoring of the project advancement, to ensure the delivery required on each stage.

The candidate will join an international team in our Spain Office under the mentorship of the technical leader of the team.

This job position requires a good team work spirit and proven communication skills

Offer

The duration of our internships are from 4 to 6 months full time and are mainly for engineers or masters in their last year of their degree. If you want to move in the field of new technologies, you are an innovation passionate and want to grow with a team of professionals in a quality technical environment, you are looking for a company like ours. Curiosity, attraction to research and development and technology, are the essential qualities to integrate our teams. This internship requires an advanced level of autonomy and creativity, analytical mindset and rigor.

Candidate skills and competences

The candidate must have proven experience in Full Stack JavaScript technologies.
- MEAN Stack (MongoDB, Express.js, Angular.js, and Node.js)
- Programming fundamentals: SOLID design principles
- Knowledge of Agile methodologies
- Knowledge of Unit Testing, Test Driven Development and Continuous integration
- HTML, CSS
- Experience with some version control system (preferably subversion or git)
- Grunt, gulp

English conversation level is a must (no certificate required)

Other desired skills:
- Knowledge and application of design patterns for problem solving
- Real-time frameworks
- Basic knowledge of Front End technologies: Sass, Less, Bootstrap
- Familiar with other front-end and back-end technologies of the company (.NET)
- Java
- French conversation level

Duration / location
6 months / Barcelona