



Open Positions Critical Manufacturing - November 2017

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JUNIOR FRONT-END ENGINEER

Ref. CMF-PT-TECH-17-11

Location: [Maia \(Porto\), Portugal](#)

Do you have knowledge in Javascript? Would you like to work within a team of highly experienced professionals that are ready to share their knowledge and make you grow?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast-paced environment. If you think you're a good fit for this role, team up and apply now as a Junior Front-End Engineer.



What you'll do:

- Write awesome code
- Build, improve and extend our products for advanced manufacturing environments
- Incorporate the needs of our customers to help them improve their operations



What you must have:

- Knowledge of web technologies and frameworks (preferably Javascript/Typescript and Angular)
- Experience with source control tools (preferably Git)
- Good knowledge of software architecture and design patterns
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- Experience with C# / .NET development
- Experience with unit testing frameworks
- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

JUNIOR .NET ENGINEER

Ref. CMF-PT-TECH-17-10

Location: [Maia \(Porto\), Portugal](#)

Do you have experience in developing with .NET? Would you like to work within a team of highly experienced professionals that are ready to share their knowledge and make you grow?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast paced environment. If you think you're a good fit for this role, team up and apply now as a Junior .NET Engineer.



What you'll do:

- Write awesome code
- Build, improve and extend our products for advanced manufacturing environments
- Incorporate the needs of our customers to help them improve their operations



What you must have:

- Experience with C# / .NET development
- Experience with source control tools (preferably Git)
- Good knowledge of software architecture and design patterns
- Basic knowledge of relational database concepts and T-SQL
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- Knowledge of web technologies and frameworks (preferably Javascript/Typescript and Angular)
- Experience with unit testing frameworks
- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

JUNIOR C/C++ ENGINEER

Ref. CMF-PT-TECH-17-15

Location: Maia (Porto), Portugal

Do you have experience in developing with C/C++? Would you like to work within a team of highly experienced professionals that are ready to share their knowledge and make you grow?

If you are a self-motivated individual who has a passion for software development and thrives in a fast paced environment, look no further! Team up and apply now as a Junior C/C++ Engineer.



What you'll do:

- Write awesome code
- Build, improve and extend our data analysis applications
- Be part of a team creating and maintaining advanced data analysis solutions for manufacturing environments
- Incorporate the needs of our customers to help them gain more insight into their product and process data



What you must have:

- Experience with C/C++
- Experience with C# and/or Java
- Experience with Unix and Scripting
- Solid problem solving and analytical skills
- Great understanding of data structures and algorithms
- Knowledge of database concepts and SQL
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- Knowledge of VB.Net
- Knowledge of TCL
- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

FRONT-END ENGINEER

Ref. CMF-PT-TECH-17-12

Location: [Maia \(Porto\), Portugal](#)

Do you have experience in Javascript and web design? Would you like to be part of a challenging project that is creating the brand-new web based interface for our product?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast-paced environment. If you think you're a good fit for this role, team up and apply now as a Frontend Engineer.



What you'll do:

- Write awesome code
- Build, improve and extend our web based graphical user interfaces
- Be part of a team creating our brand new web based interfaces for advanced manufacturing environments
- Incorporate the needs of our customers to help them increase the performance of their operations



What you must have:

- Solid front-end web design experience
- Excellent knowledge of object-oriented and/or functional programming
- Strong native Javascript coding skills
- Good understanding of all relevant web technologies (JSON, REST, AJAX, HTTP, etc.)
- HTML5 & HTML5 APIs proficiency
- Use of CSS pre-processors experience (ex: LESS)
- Solid English skills - spoken and written



What we consider a plus (not mandatory):

- Experience with Component based web development (ex: polymer, ReactJS, Angular 2/4)
- Experience with multiple programming languages (Typescript, C#)
- A commitment to solid, test-backed code through TDD, BDD and tools like Selenium and Karma
- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

SENIOR .NET ENGINEER

Ref. CMF-PT-TECH-17-13

Location: [Maia \(Porto\), Portugal](#)

Do you have strong experience in developing with C#/.Net? Would you work in challenging applications that help our customers to make critical decisions in a split second?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast-paced environment. If you think you're a good fit for this role, team up and apply now as a Senior .Net Engineer.



What you'll do:

- Write awesome code
- Build, improve and extend our products for advanced manufacturing environments
- Incorporate the needs of our customers to help them improve their operations



What you must have:

- More than 5 years of experience with C#/.Net development
- Participation in medium to large projects using a source control tool (preferably Git)
- Solid software architecture and design patterns knowledge
- Experience with relational databases and T-SQL
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- Good knowledge of ASP.Net development
- Experience in using MVC, WebAPI and unit testing frameworks
- Knowledge of agile methodologies



What we offer

- Participation in consulting activities, in direct contact with the customer or end user
- Knowledge about DevOps practices and continuous integration
- Experience as technical manager or team leader in a small / medium sized team
- Knowledge of agile software development methodologies

SENIOR C/C++ ENGINEER

Ref. CMF-PT-TECH-17-16

Location: [Maia \(Porto\), Portugal](#)

Do you have strong experience in C/C++? Would you like to work within a team of highly experienced professionals that are ready to share their knowledge and make you grow?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast-paced environment. If you think you're a good fit for this role, team up and apply now as a Senior C/C++ Engineer.



What you'll do:

- Write awesome code
- Integration of frontend elements with server side logic
- Be part of a team creating and maintaining advanced data analysis solutions for manufacturing environments
- Incorporate the needs of our customers to help them increase the performance of their operations



What you must have:

- More than 5 years of experience with C/C++ development
- Strong experience with C# and /or Java
- Strong experience with Unix and Scripting
- Advanced database skills - Oracle
- Solid problem solving and analytical skills
- Great understanding of data structures and algorithms
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

SENIOR AUTOMATION ENGINEER

Ref. CMF-PT-TECH-17-14

Location: [Maia \(Porto\), Portugal](#)

Do you have experience in equipment integration and factory automation? Would you like to develop your skills in advanced manufacturing production environments?

If you are a self-motivated individual who has a passion for Manufacturing Execution Systems and thrives in a fast-paced environment, look no further! Team up and apply now as an Senior Automation Engineer.



What you'll do:

- Perform analysis of equipment interfaces and capabilities
- Develop specific equipment drivers
- Test and deploy equipment integration solutions in productive manufacturing equipment
- Configure, customize and integrate Critical Manufacturing solutions in high-tech manufacturing environments



What you must have:

- Knowledge of factory automation and equipment integration
- Experience in high-level equipment integration using OPC and / or SECS/GEM standards
- Knowledge of communication protocols, such as RS-232, HSMS and TCP/IP
- Advanced C# /.NET development experience
- Solid English skills - spoken and written



What we consider a plus (not mandatory):

- Great understanding of advanced manufacturing production processes, particularly in electronics, semiconductors or medical devices industries
- Experience with unit testing frameworks
- Knowledge of agile software development methodologies



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)

MES PRE-SALES ENGINEER

Ref. CMF-PT-TECH-17-18

Location: Maia (Porto), Portugal

Do you have experience in pre-sales and business process analysis? Would you like to develop your skills in advanced manufacturing production environments?

If you are a self-motivated individual who has a passion for Manufacturing Execution Systems and thrives in a fast-paced environment, look no further! Team up and apply now as an MES PRE-SALES Engineer.



What you'll do:

- Business process analysis – elaborate strategies and plans for product implementation (after customer or potential customer visits)
- Create configurations and customizations specific for given segments (e.g. electronics, semiconductor, medical devices,...)
- Perform product demonstrations for potential customers
- Propose high-level technical solutions fulfilling customer requirements
- Perform project implementation estimations and propose high-level project plans
- Respond to customer technical questionnaires (RFQ, RFI)
- Perform product training sessions
- Handover won projects to project implementation teams



What you must have:

- Previous experience with MES product implementation / deployment of at least 1 year
- Ability to perform demos in front of prospective customers
- Excellent English skills - spoken and written



What we consider a plus (not mandatory):

- Knowledge of agile methodologies



What we offer:

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus

PROJECT MANAGER

Ref. CMF-PT-TECH-17-17

Location: [Maia \(Porto\), Portugal](#)

Do you have experience as a Project Manager? Would you like to work within a team of highly experienced professionals that are ready to share their knowledge and make you grow?

We're looking for self-motivated individuals who have passion for software development and thrive in a fast paced environment. If you think you're a good fit for this role, team up and apply now as a Junior Front-End Engineer.



What you must have:

- Experience as a project manager in IT projects with a high degree of complexity
- Advanced knowledge of agile software development methodologies
- Experience managing project scope, timeline and effort changes during project execution
- Evaluating project risks and defining mitigation actions within the domain of the project team
- Controlling and managing project budget and financial forecasts
- Excellent English skills – spoken and written



What we consider a plus (not mandatory):

- CSM and CSPO certifications
- Knowledge of MES solutions and concepts
- Great understanding of advanced manufacturing production processes, particularly in electronics, semiconductors or medical devices industries



What we offer

- Integration in a highly passionate team
- An open and embracing culture for the latest hot technologies
- An agile, focused atmosphere with flexible working hours
- A competitive salary and performance based bonus
- Additional fringe benefits like mobile phone and health insurance
- A professional yet relaxed environment with free fresh fruit and weekly therapies (shiatsu)