

MECALC

LOOKING FOR THE EXCEPTIONAL

JOIN THE MECALC TEAM AND BE AT THE FOREFRONT OF INNOVATION.

MeCalc, a globally competitive engineering company based in Centurion, is looking for a full stack developer to join their innovative team. At MeCalc, we research, design and produce advanced data acquisition and control systems relied on worldwide, by leading automotive and aerospace companies. Our products are used by these companies to optimize noise, vibration and structural integrity during prototype or quality control testing. Customers include BMW, Audi, Rolls Royce and Lockheed Martin.

MeCalc provides a stimulating environment for creative thinkers who share a passion for excellence. An open approach with a flexible working structure leaves plenty of room for both personal and professional growth. At MeCalc it's all about refining the big concept, being obsessed with the detail and achieving the almost impossible.

FULL STACK SOFTWARE DEVELOPER

POSITION DETAILS:

The candidate will work with an engineering team to develop and maintain our web-based software infrastructure designed to standardize and automate processes in order to ensure traceability. This software solution facilitates project management, from the development phase to the manufacturing and servicing of the final product. It also provides streamlined interdepartmental communication, as well as dynamic reports for analysis. The software solution includes a web-based application which integrates our international sales, marketing and CRM strategies with the company's financial and administrative department.

Additional responsibilities include:

The candidate will be partly responsible for maintaining and improving our web application. This includes adding new features, improving old features and some support responsibilities to ensure the integrity of the solution. The new features will drastically improve the other employees' day to day jobs. He/she will also form part of a new project that requires a software solution that will integrate with another product of the company in order to automate a current manual process. Additionally, he/she will be part of further developing our web application's testing framework, ensuring the integrity and functionality of newly added features.

CANDIDATE MUST BE PROFICIENT IN:

- C# development for web and desktop applications.
- HTML, CSS, JavaScript, Typescript and jQuery.
- ASP.NET (.NET Framework) for use in a Web API and Web Application.
- Some knowledge of the .NET infrastructure is beneficial. (.NET Core, .NET Framework, .NET Standard and Latest .NET 5)

- PostgreSQL for databases.
- NUnit for Test driven development.
- Knowledge of continuous integration ecosystems.
- Git for version control.

A KEEN INTEREST IN THE FOLLOWING WILL BE BENEFICIAL:

- Full stack development
- ASP.NET and C#

MINIMUM QUALIFICATIONS REQUIRED:

- BEng Computer Engineering, BSc Computer Science or similar

EXPERIENCE

- 2 or more years experience in ASP.NET or C# is desirable.

SUBMIT YOUR CV, UNIVERSITY TRANSCRIPTS AND A SHORT DESCRIPTION OF YOURSELF TO CAREERS@MECALC.COM

