.Net Programmer Job Description

About the company

Doorastha is a start-up that is working to create an impact on the livelihood generation for rural entrepreneurs by providing energy access in an easy and seamless manner through solar powered micro-grids. This is done through a unique business model, built on the backbone of a futuristic technology solution that includes custom built hardware, firmware and software platform.

Doorastha is promoted by a team of highly experienced technocrats, based in Delhi and incubated at the Electropreneur Park, which is a government of India backed incubation center that aims to create home grown solutions and drive independence in the ESDM (Electronic System Design and Manufacturing) sector. The company operates micro grids in the remote villages of the country.

Summary of the Role

The candidate will have to work on an existing .NET server software which includes handling of data and ledgers, communication through HTTP protocol, and front-end UI for presentation of data, and make it robust and more usable. The current system is built on SQL enterprise database, using MVC, HTML5, CSS3, Bootstrap and Java scripts. The candidate is expected to have good understanding on the above-mentioned technologies, so as to improve the quality of the existing implementation.

Further advancement would demand learning of new technologies, and environments to create a platform that integrates data from multiple sources, with capability for advanced analytics. This platform would be architected from scratch and along with the other members of the design team, the candidate will play a role in the selection of technology and the environment, and its development.

Technical Requirements

1. Expert at .NET and knowledge of Python programming
2. Intermediate level proficiency of managing SQL/MySQL databases
3. http communication with web-server – master level proficiency
4. Intermediate level expertise in handling encryption/decryption
5. Expert at handling standard web interface languages like MVC, HTML5, CSS3, Bootstrap and Java scripts
6. Knowledge of existing graphical libraries and ability develop some if required
7. Ability of work with CVS systems
8. Basic understanding of analytics and data representation
   1. Flair of good UI and graphical interface design
   2. Understanding of managing interactive graphs overlaid on HTML pages

Other Requirements

1. Ability to work independently
2. Demonstrated capability of habitually documenting code snippets with detailed commentary
3. Moderate expertise in writing test plans for code testing
4. Coordinate remotely, if required, for testing
5. Good communication skills – Regular verbal sync-up and weekly reporting on email is mandatory