

BIM *SHIFT* – Cloud Based Enterprise Software

About BIM *SHIFT*:

1. We are located in Littleton, Colorado.
2. We are Mines graduates!
3. We create our own software to solve a very wide range of customer requirements.
4. We develop cutting edge web applications.
5. We love technology and delivering the best product possible – We don't cut corners.

Key Languages/Technologies To Be Used:

1. HTML5 – All web interfaces are designed to be fully mobile compatible
2. JavaScript – jQuery – The vast majority of the web application(s) we create are dynamically loaded using behind the scenes AJAX calls and on-the-fly loading of js files
3. PHP – Base PHP, some custom frameworks
4. SQL – We work with huge amounts of data often stored in multiple databases

Background:

This project will consist of creating an HTML5 web application for a large organization to input, update, and track various data used to run their business. The software package is being custom built from the ground up. The selected project team will focus on creating the appropriate interfaces (front end GUI, charts, reports, etc.) to view, update, monitor, and track the information and be provided the opportunity to work closely with the design team implementing other critical functions. The team will also work closely with internal and external teams to ensure the end user can effectively use the created interfaces.

Who Should Choose This Project And Why?

This project is a great opportunity to learn more about the quickly growing world of web services and cloud technology. Ideal groups would be familiar with at least the basics of the above technologies and interested in pushing the boundaries of what can be done on the web. Our clients love technology and want the best and latest technology available. Our end users demand easy to use applications that require little or no training to understand and use. Therefore groups should be capable of creating easy to use, low interaction graphical user interfaces. Since this project is being built from the ground up, teams will get a great chance to learn about and contribute to all aspects of the system, including login system, database schema, and dynamic loading of files.

Groups should be capable of in-depth debugging. Since files are dynamically loaded, it can be more difficult than standard web applications to find and fix issues. We won't tell you the best way to do something; we leave that up to your experience and allow you to show your

skills. Work can be done on campus, or at our building; however, if working from campus, we do expect more communication so we can ensure all the goals are being met.

You will gain practical experience in web development and your project will actually be used in our products. We are growing very quickly and looking to hire interns and full time CS majors. If all goes well during the course of the project, we would like to continue projects via internships, part time school work, or full time! Preferred group size is 3-4, but if you feel you need fewer or more and can justify your reasoning, we will be happy to change the group size.

BIMSHIFT is a group of Mines graduates who are fun to work with and easy to talk to. Our company's mission is to create extraordinary software that provides immense value to our clients. We work with many large corporations throughout the country on a wide range of projects. We are always using the latest technology to deliver the best results.

Project Contact

MIKE GIOIA, | M.S. | ADN | MSDN |

| VICE PRESIDENT |

INGENUITY POWERED BY

BIMSHIFT

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