**Retrieving MongoDB image in Buffer format on the back-end**

The problem is val.image.data doesn't provide a base64 string but a buffer. So, you have to convert it first. This is how I made it work:

Product.findById('559f6e08b090ca5c5ce6942b', function(err, result) {

if (err) throw (err);

var thumb = new Buffer(result.image.data).toString('base64');

res.render('index', { title: 'Express', img: thumb});

});

Also, there's a small issue on your frontend jade code, it should be:

img(src="data:image/jpeg;base64,#{img}") //No + and ''

Note: You could get away with this for small thumbnails or such but it is not the recommended approach due to a number of reasons (such as the 16MB limit). You are much better off using GridFS. More at <http://docs.mongodb.org/manual/core/gridfs>