

# Nathan Douthit

## Simple Blog Website using ASP.NET MVC4 and Entity Framework

### BASIC ITEMS IMPLEMENTED:

- Register account and login
- Add/edit/delete a blog post
  - Blog posts display the title, content, author and a timestamp
- All blog posts are displayed on the front page in descending order (newest first)

### BONUS ITEMS IMPLEMENTED:

- Developed using Entity Framework Code First
- Basic CSS layout

### SOLUTION INFORMATION:

- Developed using Microsoft Visual Studio Express 2012 for Web and the Google Chrome browser
- *SimpleCrypto* is used to encrypt user passwords

### RUNNING THE SOLUTION:

- Make sure that the SimpleCrypto package is installed
- Press F5 to debug the solution
- *Optional*
  - Preloaded local database includes login credentials
    - Username: admin
    - Password: 12345678
  - The "Configuration.cs" file in the "Migration" folder includes a sample set of data

### TIME SPENT ON SOLUTION:

- Research: 2 hours
- Coding: 2.75 hours
- Sending: .25 hours

### KNOWN ISSUES:

- Doesn't check for existing username when creating an account
  - If duplicate usernames exist, the first username created will be the only valid set of login credentials
- Post content (body) does not retain formatting when displaying; however, formatting displays fine when editing the post content.