

# Greg Klein

## Full Stack Engineer

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## SKILLS

C# , React , Redux , HTML 5 , CSS/SCSS , SQL , MongoDB , Docker , NGINX , AWS , Selenium

## WORK EXPERIENCE

### Web Developer | *Go Ahead Tours, Cambridge, MA* Oct 2016 – Present

- Write and maintain full stack customer facing web applications in an agile environment
- Build front-end applications using React and Redux for state management
  - Build features such as allowing customers to write online product reviews, view and edit wishlists, and purchase product upsells
  - Implement fully responsive designs with bootstrap and custom SCSS
  - Interface with backend REST microservices using Axios
- Implement and maintain REST microservices using .NET core
  - Use ORMs such as Dapper and Entity Framework for accessing SQL databases
  - Use modern tools such as DI/IoC containers and unit testing to write clean maintainable code
- Build CLI tools to assist with migrating data out of legacy SQL databases

### Senior Automation Engineer | *Go Ahead Tours, Cambridge, MA* Oct 2013 - Oct 2016

- Implemented and maintained full suite of automated tests for web application and internal CRM
  - Tests were written in C# using SpecFlow framework
- Integrated automated tests with C/I workflow
  - Created a TeamCity configuration to run tests in AWS on demand
  - Implemented a test results dashboard using .NET MVC framework for viewing test results
- Coordinated with developers across several teams to ensure that QA automation needs are fulfilled and new features are being fully tested

### QA Engineer | *Vistaprint, Lexington, MA* Oct 2011 - Oct 2013

- QA support for project execution
  - Developed test plans to support development projects
  - Coordinated with other QA teams to ensure other domain experts have adequate testing
- QA Automation
  - Gained experience with writing system tests, integration tests, web service testing, UI automation and User Acceptance Tests

### Content Management Specialist | *Journal of Visualized Experiments* Feb - Oct, 2011

- Coordinated to manage online content, including images and text to be used on the website
- Developed and tested small applications used on the website

### IT Coordinator | *Exploration Summer Programs, Southborough, MA* Summer 2010

- Set up computers for classrooms and taught a computer programming course for 6th and 7th graders

## EDUCATION

### Colby College | *Waterville, ME* 2006 - 2010

**Major:** Chemistry

**Minor:** Computer Science

## HOBBIES

Hiking, Video Game Development, Outdoor Photography