Christopher Oakley

*79 Love Lane, Manchester, CT 06040*

[*caoakleyii@gmail.com*](mailto:caoakleyii@gmail.com)

*(413)-886-2260* [*http://chrisaoakley.com*](http://chrisaoakley.com)

# SUMMARY

# I am a full stack software engineer with 5 years of experience. I develop applications with C# and JavaScript using .NET, Node.JS and meteor for frameworks.

**WORK EXPERIENCE**

**Ticket Network –** *Lead Software Engineer*

South Windsor, CT 2013 ­- Present

I work as a full stack C# web developer for TicketNetwork, a secondary ticket retail company. I am the lead of multiple projects.

**Single Sign On:** I designed and developed a single sign on service to be used by customers for hundreds of websites. The SSO service uses the SAML2 protocol and WSO2, a third party framework.

* Customized WSO2’s open source SSO server using Java, Maven and OSGI.
* Wrote several Java OSGI components to communicate with our accounts RESTful API.
* Designed a responsive login screen with MVC5 Razor, C# and bootstrap.
* Created a JavaScript library that allows developers to easily add SSO functionalities to websites, internally and publically.
* Styled the login screen with less.
* Integrated multiple social logins using oauth.io library.

**Accounts API:** I designed and developed a RESTful C# API that manages our customer accounts, for public and internal applications.

* API was developed with C# and .NET’s Web API 2.
* Entity Framework 6.0 was used as an ORM tool.
* Used an in house library for dependency injection.
* Integrated WSO2’s framework for API management and authorization.
* Database Managed with Microsoft SQL Server 2015.
* Developed unit tests for test-driven development.
* Documented the API using Swagger 2.0.
* Designed the API solution and documented the structure according to UML standards.

**Common Core Library:** I worked on creating a Visual Studio template for any new C# web applications or API applications. This template solution had core components needed for any new application.

* Modified and developed in house library for dependency injection
* Created the template to produce an n-tier application project structure
* Developed Entity Configurations for our company’s database standards
* Created example API and Unit Test code samples for developers.
* [Not filled out]

**Accounts Web Application:** I worked on developing and maintain the web application customers used to manage their accounts, and download tickets.

* [Not filled out]
* [Not filled out]
* [Not filled out]

**Twin Oaks Software** - *Software Developer*

Berlin, CT 2011 ­- 2013

I worked as a C# developer for Twin Oaks Software, software provider for health club management. I worked on two main projects, Planet Fitness and Member Services.

**Planet Fitness:** I worked on both their customer facing website and club management portal. Their club management portal was used to manage members, clubs, and promotions. It also provided CMS features for their customer facing website.

* Back-End developed with C# and .NET Framework
* Front-End developed with ASP.NET web forms
* Database management using Microsoft SQL Server

**Member Services:** I worked on this web application completely independently from start to finish.This application allowed members to make instant online payments to their gym memberships.

* Back end developed with C# and .NET Framework
* Entity Framework as an ORM tool.
* Front-end developed with ASP.NET web forms.
* Database managed using Sybase SQL.
* Developed an ASMX Web services to connect other web applications.
* PayWare was used for instant web transaction

**EDUCATION**

* A.S of Computer Science –Springfield College– Springfield, Massachusetts

**REFERENCES**

**Andres Franceschi**

*Checkout Application Lead Engineer*

TicketNetwork

(203) 350-9821

futsuriai@gmail.com

**Andrew Alcutt**

*Software Engineer*

TicketNetwork

(860) 716-6553

andrew.alcutt@comcast.com

**Chris Zaharuk**

*Planet Fitness Lead Developer*

Twin Oaks Software

(973)479-4827

chriszhrk@gmail.com