Christopher Oakley

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# SUMMARY

# I am a full stack software engineer with 5 years of experience. I write code in C#, JavaScript and Ruby.

**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 here.

**Single Sign On:** I designed and developed a single sign on service to be used by customers for hundreds of websites using SAML2 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 to easily add SSO functionalities to websites, internally and publically.
* Styled the login screen with less.
* Integrated multiple social logins using oauth.io

**Accounts API:** I designed and developed a RESTful C# API to allow internal and public applications to manage our customer accounts.

* 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
* 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.

* Created an in house library for dependency injection
* Set up a proper n-tier application project structure
* Created
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**Accounts Web Application:** I worked on developing and maintain the web application customers used to manage their accounts, and download tickets.

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**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*

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