**Professional Summary**

I am a software developer focusing on .NET development with C#. I have created web clients with JavaScript, HTML5, CSS3, ASP.NET MVC and AngularJS. I have implemented back end technologies including WCF and Web API services, ADO.NET and Entity Framework for data access, and SQL Server databases. In addition, I have worked in team environments following Agile/Scrum methodologies.

* Employed client-side technologies such as **HTML5**, **CSS3**, **JavaScript**, **AngularJS**for web development.
* Utilized server-side technologieslike **C#**, **.NET Framework**, **.NET Core**, **ASP.NET Web API**, and **ASP.NET WCF**.
* Implemented data technologies like **ADO.NET**, **Entity Framework**, **SQL Server** for data access and storage.
* Developed in **Visual Studio, VS Code, IntelliJ, Android Studio,** and **Eclipse**.
* Incorporated design patterns such as **Singleton**, **Factory**, **MVC**, **MVVM**, **Facade**, and **Repository**.
* Constructed web pages using **HTML5** for structure and **CSS3** for styling.
* Leveraged **Bootstrap** framework and grid system for responsive web design.
* Integrated **JavaScript**and **AngularJs**into web applications for additional functionality.
* Employed **AngularJS** routing service to switch content and behavior of **single-page applications**.
* Built web applications using **ASP.NET MVC**.
* Designed applications using **SOA**.
* Created both **REST** and **SOAP** web services using **Web API** and **WCF**.
* Utilized **ADO.NET** and **Entity Framework** to access relational databases.
* Setup relational databases using **T-SQL**.
* Tested **JavaScript**code with **Jasmine** unit tests executed with **Karma** test runner.
* Wrote unit tests using **xUnit**, **MSTest**, and **NUnit**.
* Employed **Moq** framework to simulate **C#** objects.
* Experienced with **DevOps**using **Git**, **Pivotal Tracker**, **VSTS**, **Jenkins**, and **SonarQube**.
* Configured **DevOps**pipeline on **AWS** and **Microsoft Azure**.
* Collaborated in team environments using **Agile** and **Scrum** practices.

**Education**

**Technical Skill Summary**

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| --- | --- |
| Front End | HTML, D3.js, CSS, ADAL.JS, JavaScript, Ajax, AngularJS, Bootstrap, ASP.NET MVC, Angular Material |
| Languages | Java, T-SQL, C, HTML, Python, JavaScript, Ruby, TypeScript, XML, C# |
| Testing | TDD, NUnit, BDD, Jasmine, Karma, Machine Specifications, xUnit, Moq, MSTest |
| DevOps | Visual Studio Team Services, HTTP Server, Pivotal Tracker, GoCD, Git, Node.js, SonarQube, Webpack, Jenkins, IIS |
| Cloud Services | AWS EC2, AWS S3, Azure App Service, Azure AD, Azure Web App, Azure SQL, AWS RDS |
| Back End | XML, ASP.NET Web API, ASP.NET WCF, ADO.NET, SOA, Entity Framework, JSON |

**Professional Experience**

**Revature May-2017 to Present**

**Student Registration and Course Selection Portal with C#.NET**

The web application is a portal meant for student registration and course enrollment. The university could enable the course enrollment for a limited duration during which registered students could login and enroll for their courses. The business logic involved would restrict students from enrolling to courses that did not align with the student's degree. The portal also provides feedback when student registered for courses with conflicting times and when reached max allowed courses per student. The portal also required to store personal and sensitive student information.

**Responsibilities:**

* Constructed a web client using **ASP.NET MVC** for the appearance and behavior of the web pages.
* Designed views using **CSHTML**to create the layout of the web pages.
* Leveraged **JavaScript's JQuery-Validaion**library for client-side validation.
* Implemented validation of requests to the back-end in the business logic layer.
* Built a data access layer using **ADO.NET** to retrieve and update the data in the database.
* Created a relational database using **T-SQL** to store the application's data.
* Deployed an **RDS** instance on **AWS** to host the database on the cloud.
* Set up a **GitLab** repo for version control and source code management.

**Environment:**

.NET, ASP.NET, ADO.NET, C#, Bootstrap, SQL Server, ASP.NET MVC, HTML

**Chat Room**

The application is designed to allow people to converse online and share their ideas. You can participate in a Community Chat Room accessible to all users, and can message certain users in user-created private groups/sessions. The chat allows several channels to be in session for any user. All users can create a profile with their real-name and screen-name. All messages are backed up and can be retrieved at some later time.

**Responsibilities:**

* Developed a web client using a mix of **ASP.NET** **MVC** views and controllers and **AngularJS**for additional functionality.
* Implemented a **REST** service using **ASP.NET Web API** to expose the functionality of the business layer.
* Wrote business logic to validate the requests that are sent to the back end.
* Created a **SOAP** service using **ASP.NET WCF**to expose the functionality of the data access layer.
* Utilized **Entity Framework** in the data access layer to communicate with the database.
* Designed a relational database using **T-SQL** for persistence of the application's data.
* Setup a **DevOps** pipeline using **AWS** for hosting, **Jenkins** for automation, and **SonarQube**for checking code quality.
* Deployed the client project, a **Web API**, and a **WCF** service to **Azure App Services**as **Web Apps**.

**Environment:**

C#, ASP.NET Web API, SQL Server, ADO.NET Entity Framework, AngularJS, HTML, JavaScript, CSS

**Revature Housing**

The application provides a platform for several Human Resources, Tenant, and Provider actions related to the Associates’ Housing Management while in training. As an HR Coordinator, you can manage housing distribution, capacity projection, and room assignment. As a Tenant, you can manage your profile, request a roommate, and submit a maintenance request. As a Provider, you can supply new apartments, and handle maintenance requests. All requests are user-authenticated to prevent unauthorized access.

**Responsibilities:**

* Created webpage layouts with **HTML5**for structure and **CSS3**for styling.
* Leveraged **AngularJS**and **AJAX**to make requests to **REST** services to retrieve and send data.
* Developed two **Web APIs** to expose the functionality of the business logic layer and the data access layer.
* Constructed data access objects to utilize the context generated by **Entity Framework**.
* Wrote unit tests to verify the functionality of **C#** code using the **nUnit**testing framework.
* Tested front-end code with **Jasmine** unit testing frameworkand the **Karma** test runner.
* Followed **Agile** and **Scrum** development techniques with weekly sprints.
* Utilized **Pivotal Tracker** as a virtual scrum board for planning and project management.

**Environment:**

C#, ASP.NET Web API, SQL Server, ADO.NET Entity Framework, AngularJS, JavaScript, Testing, DevOps, Docker, HTML5, CSS3, T-SQL, BDD, TDD, Microsoft Azure, .NET, Continuous Integration