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**Professional Summary**

I am a .NET and Node software developer with experience in building web application along with multi-layered services. Experienced in front-end development which utilizes Angular framework with Bootstrap for CSS, HTML, JS, and TS. Implemented server-side technologies, such as Express web services using a PostgreSQL database on the Node server site. Developed ASP.NET Web API backend server in C# language using REST API architecture to communicate with client-side applications. I also have experience in unit test development which includes using xUnit for ASP.NET framework testing and Jasmine**,** Karma for Angular application unit testing.

* Worked with **HTML**, **CSS**, **JS**, **C#**, **Entity Framework**, **Docker**, **Azure DevOps**, **MSSQL.**
* Experienced with **C#** and **.NET Core** using **OOP** Design Patterns and **SOLID** principles.
* Implemented **Azure DevOps** pipeline for **ASP.NET** and **Angular** web application using **YAML** syntax.
* Incorporated **Docker** in the projects and deploy them to Docker Hub.
* Designed **Docker** Image stages for faster and smaller build and incorporated them into the projects.
* Developed **ASP.NET Web API** using **REST API** architecture and hosted on **Azure App Service** for a loosely coupled **SOA** design.
* Integrated **TypeScript** into a web application to create a single page application**.**
* Utilized third-partyAPI and incorporated them into the web applications.
* Designed normalized database schema for efficient data storage and faster search capability according to **ACID** Principles and deployed on **Azure SQL Database.**
* Used **Entity Framework** on back-end server site to operate and manipulate data from **Azure SQL Database**.
* Incorporated continuous integrationmethodology in projects with multi-stagings for secure and stable deployment.
* Applied **scrum**methodology in project development to ensure all requirements are met.
* Developed client-side web application using **Angular** framework by incorporating with **Node.js.**
* Developed Restaurant Application using **Express** framework and **PUG** for Full Stack Web Development.
* Implemented unit testing using **xUnit** for back-end test and **Jasmine** for front-end test.
* Applied logging mechanism to all projects using the **Serilog**tool.
* Utilized the **Swagger** framework for API development.
* Experienced with **Git** workflows in a team environment including version control, branching and merge resolution.
* Used **Trello** to manage team responsibility and weekly agenda.

**Certifications**

**Education**

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**Technical Skill Summary**

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| --- | --- |
| Front-End | Node.js, React, Express, SCSS, Ajax, Bootstrap, HTML, jQuery, CSS, D3.js, Angular |
| Languages | HTML/ CSS, Java, TypeScript, Swift, C#, Python, JavaScript, SQL, C++ |
| Database | AWS S3, GraphQL, T-SQL, SQL Server, MySQL, PostgreSQL |
| Back-End | SOAP, WCF, ASP.NET Entity Framework, ASP.NET Web API, ASP.NET MVC, REST |
| DevOps | Docker, AWS, Firebase, GitHub, AWS-Amplify, Git, Azure DevOps |
| Services | Serilog, SonarCloud, Swagger, Docker Swarm, ADO.NET, REST Service, GraphQL |
| Testing | Moq, xUnit, Test Driven Development, InMemory Database Testing, Karma, Jasmine |

**Professional Experience**

**Revature Jul-2019 to Present**

**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:**

* Designed database schema for Revature Housing Project.
* Implemented repositories' methods for data access layer.
* Managed team's features integration to ensure features are working correctly.
* Constructed validation checks for library models as well as API models.
* Designed overall infrastructure for API.
* Resolved problems for other teams with Git merging issues.
* Provisioned SQL Server on Azure and created database in T-SQL.
* Integrated microservice architecture into an application.

**Environment:**

C#, ASP.NET Web API, MongoDB, ADO.NET Entity Framework, Angular, JavaScript, Testing, DevOps, Docker, HTML5, CSS3, SQL, BDD, TDD, Microsoft Azure, .NET, Continuous Integration, Microservices, TypeScript, Jasmine, Karma, REST

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**Responsibilities:**

* Created and designed database for efficient data manipulation using T-SQL.
* Hosted a database on Azure SQL Database.
* Populated data for the database to test API functionality.
* Incorporated Azure DevOps pipeline into the application to ensure all builds are passed.
* Implemented data-access layer for database and API communication through repository interface.
* Integrated xUnit to test repository methods.
* Performed API controllers for client-site using ASP.NET Web API.
* Published to test results of both client site application and API to SonarCloud.
* Implemented login and signup HTTP request error handling in Angular application.

**Environment:**

C#, SQL Server, ADO.NET Entity Framework, HTML, JavaScript, CSS, Angular, ASP.NET Web API, DevOps, TypeScript, Jasmine, Karma, Microsoft Azure, Docker Swarm

**World of Pizza**

World of Pizza is a 24-hour pizza ordering and delivery service application for a pizzeria chain, with inventory management for manager users. Order one of our specialty made pizzas, make-your-own pizza with a variety of ingredients. Be sure to check out our other sides, desserts, sauces, and drinks when creating your order. This application not only makes the process of ordering food online easier, but from anywhere at anytime.

**Responsibilities:**

* Designed normalized database for efficient data storage and data retrieval.
* Developed ASP.NET MVC web Application using HTML, CSS, Javascript, and C#.
* Developed a library for MVC web application to communicate with database using Entity Framework.
* Implemented unit tests for Library and MVC web Application using xUnit.
* Deployed web Application to Azure App Service.
* Used Azure DevOps pipeline to build and test web application for Continuous Integration.
* Utilized Razor engine to generate front-end side HTML.
* Containerized the application and built it using Docker.

**Environment:**

C#, ASP.NET MVC, SQL Server, ADO.NET Entity Framework, HTML, JavaScript, CSS, Microsoft Azure, Bootstrap, xUnit, TDD, Serilog/Nlog