Paul Drake

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Summary

●6~ years of professional .Net Development experience in various applications based on Object-Oriented Programming (OOP), Client/Server, N-tier architecture.

● Designed applications with various design patterns such as Factory, Singleton, MVC, and Dependency injection.

● Applied web-based technologies such as C#, .Net 6, ASP.NET Core Web API, ASP.Net Core MVC, Entity Framework, Dapper, Angular 10, TypeScript, jQuery, HTML5, Bootstrap, and CSS3

● Proficient in Angular using Components, Forms, Directives, Dependency Injections, Routing, JWT Authorization, AuthGuards and Pipes

● Good understanding in creating and managing View Models, Views, and Partial Views using ASP.NET MVC.

● Experience in the creation, exposure, securing and consumption of RESTful services using ASP.NET Core Web API

● Proficient in writing Stored Procedures, Cursors, Triggers, Views, User Defined Functions, Complex Query joins using T-SQL, PL/SQL, Performance Tuning and Optimizing SQL Queries.

● Experience with unit testing frameworks such as MOQ, MS Test and NUnit.

● Good knowledge in debugging and performance testing of Restful ASP.NET Core Web API using Fiddler and Postman.

● Experienced in working within a team and using team collaboration tools - Team Foundation Server (TFS), GIT, TortoiseSVN and JIRA.

● Through understanding on building and deployment to Azure cloud environments using Azure CI/CD and Git to boost productivity.

● Worked on Agile methodologies as software development life cycle models and excellent communication skills with insight to determine priorities, schedule work and meet critical deadlines.

Technical Skills

.Net Technologies	Web Technologies	ORM/Databases	IDE / Testing Tool	Others
C#.NET	Angular 11	Entity Framework Core	VS Code	Azure CI/CD
.Net Core	TypeScript	Dapper	Visual Studio	TFS
ASP.NET Core	HTML5	SQL Server 2019/2017	2019/2017/2015	JIRA
MVC	CSS3	Oracle	SSMS	Agile
ASP.NET Core	jQuery		Postman	(Scrum)
Web API	JavaScript		Fiddler	GIT
LINQ	Bootstrap		NUnit	
			MOQ	
			MS test	

Work Experience

Client: Covenant Health System   **Lubbock, Texas**
Project: Balanced Portfolio Management   **January 2020-Present**
Description: Balanced Portfolio Management designed to meet the specific needs of each client, considering risk tolerance, current situation and future life objective. Investment process guided by experienced, accessible portfolio managers who have the know-how to adjust for risk and take a deliberate approach to market opportunities. Sound investment decisions based on macroeconomic forecasts, fundamental quantitative and technical analysis. Proprietary research allows our professionals to select securities and managers for global and domestic equity and fixed income portfolios.

Responsibilities
- Developed and designed the application using Angular 11, ASP.NET Core Web API, Entity Framework Core, TypeScript, HTML5, CSS3, Bootstrap.
- Implemented Module in Angular 11 to group components, directives, pipes and services that are related.
- Utilized Angular third-party libraries like: Bootstrap, Font Awesome, ng-select, ng-bootstrap, ngx-progressbar.
- Fixed cross domain issues in ASP.NET Core API in configuration by enabling CORS and adding Data Annotation on HTTP request methods such as GET, POST, PUT and DELETE.
- Implemented JWT based authentication to verify user identity and used Angular Route Guards to ensure only authenticated and authorized users can access certain routes.
- Used Entity Framework Core database first approach for object-relational mapping with data in SQL server database and design the database objects like tables, indexes, constraints, procedures, and user defined functions.
- Standards were measured using MS test as the unit testing and Moq to mock methods using Interfaces defined with Dependency Injection
- Integrated JIRA and Git for source control to maintain the AGILE methodology by coding feature by feature for the software
- Used Microsoft Azure Queue storage to create and delete queues and insert, peek, get, and delete queue messages.
- Participated in daily scrum meetings and implemented agile methodology to make sure everyone in the team cooperates well and communicates efficiently.

Environment: C#, Angular 10, VS Code, ASP.NET Core API, Entity Framework Core, TypeScript, JSON, GIT, CSS3, HTML5, Bootstrap, MS test, Moq, Postman, MS SQL Server 2019, Visual Studio 2019, Agile (Scrum)

Client: United Supermarkets of Oklahoma   **Lubbock, Texas**
Project: Fund Accounting Suite   **03/2019-11/2020**
Description: Fund Accounting is an integrated suite offering accounting, procurement, budgeting, payroll, human resources, timekeeping, fixed asset management, grant management and dashboard functionalities. The system enables users to manage and report on multiple cost centers at the general ledger level including multiple organizations, funds, projects, grants, programs, departments, locations, etc. It has a report writer tool embedded in the system that provides customizable reports by cost center or time period.

Responsibilities
- Worked mainly on ASP.NET Core MVC, jQuery, C#, HTML5, CSS3, jQuery, Bootstrap and Entity Framework Core for the design of the web application.
- Used Viewbag, Viewmodel and Partial view to achieve the data transfer and manage the application structure in the MVC architecture.
- Utilized Action Filers for implementing user authentications, authorizations, and cookie-based authentication.
- Implemented Database-First approach of creating Entity Framework Core and LINQ to retrieve, save entity models.
- Performed Encrypted Cookie Authentication logic which gets generated in the HTTP header for each request for Security.

- Utilized the Dependency Injection mechanism for a simpler way of managing the controllers and scopes.
- Enabled CORS and API routing using ASP.NET Core CORS and Routing middleware.
- Implemented Dapper to get access to customer credit plan information and location information inside the Repository Layer.
- Worked on TFS for source code management to collaborate with the team and fixed bugs and provided support services for the application using MS test with Moq.
- Used Git for version control, Code Review and utilized Azure CI/CD for automatic builds and continuous Integration.
- Unit testing was done for testing the code to check for the bugs in the code by using NUnit with Moq.

Environment: Visual Studio 2017, ASP.NET Core MVC, JavaScript, Entity Framework Core, jQuery, MS SQL Server 2016, Agile (Scrum), NUnit, HTML, CSS, LINQ, Moq, GIT, Azure.

Client: Caprock Home Health Services **Lubbock, Texas**
Project: Medical Stent Distribution **11/2017-02/2019**
Description: Medical Stent Distribution gives complete control over Purchase, Stock and Sales of goods as well as provides exact status at any given point of time. This application has multiple modules which are Records Management, Automatic Reminders, Task Scheduling, Activity Dashboard, Claims Management and Status Reporting.
Responsibilities
- Involved in developing a web application using ASP.NET Core MVC, JavaScript, Middleware, Dapper, ASP.NET Core Web API, C#, HTML, CSS by participating in the analysis, design implementation and testing of the application
- Worked with action filters in MVC for error handling and custom authorization filters for different levels for the application.
- Developed view with Scaffolding templates, Partial Views, and custom HTML Helper with Razor View Engine.
- Created View Model to encapsulate all models and classes used on the different views for more stable, organized, and clean code to reuse in Views
- Implemented Error Handling functions and methods to avoid vulnerabilities and exposing code to end users.
- Responsible for handling Cookie-based authentication and authorization in ASP.NET Core Web API.
- Implemented Dapper Micro Object Relational Model (ORM) for mapping .Net classes to SQL tables.
- Extensively used Team Foundation server for shelving the code changes, check in the code and tracking defects and requirements.

Environment: C#, ASP.NET MVC, Dapper, MS SQL Server 2017, JavaScript, jQuery, HTML, CSS, TFS

Client: City Bank **Lubbock, Texas**
Project: Agent Transfer Application **02/2016-10/2017**
Description: Agent Transfer Application comes under Portfolio Transfer Management sales division. This application is used by insurance agents and associates to transfer the policies from one agent (agency) to another agent (agency). Core principles of this application is to validate the agent information and policy information, minimize time spent on user input, auto population if information from different systems, validations on key information, ability to interface with the policy systems, reports generation, Agent transfer and activity monitoring, security and auditing abilities.
Responsibilities
- Designed, developed, maintained Application using C#, ASP.NET MVC, JavaScript, jQuery, HTML, CSS.
- Designed and Developed web pages, layout pages and managed the CSS of the pages with Bootstrap. and created ViewData, ViewBag to pass data from View to Controller.
- Responsible for designing the ASP.NET application authentication using .NET Framework, Model View Controller, and user controls.
- Created general Class library, Partial Class, Generics Using C# .NET.

Environment: C#, Visual Studio 2015, ASP.NET MVC, JavaScript, Bootstrap, jQuery, HTML, CSS.