**Brent Griffin**

**.NET Developer**

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**SUMMARY**

* Around Eight (8) years of experience in diverse facets of .Net development covering gathering requirements, analysis, design, development & testing of Business Applications.
* Extensive programming experience in **C#, ASP.NET MVC, Web API, OData, LINQ, Entity Framework, JavaScript, AJAX, HTML.**
* Hands on experience with Microsoft technologies including **ASP.NET Core, MVC Core, C # (5.0/6.0), ADO.NET, TFS** and **Git.**
* Experience in development of **n-tier/multi-tier applications** using **UI Layer, Business Logic Layer, Data Access Layer.**
* Strong Knowledge of Object-Oriented Design Methodologies such as Polymorphism, Inheritance and Encapsulation and hands on experience with **Visual Studio 2017/2015/2013.**
* Experience in working with **Web Services** and **WCF, Web API.**
* Hand on experienced in creating **stored procedures, triggers** and **SQL reporting services** and knowledge of **SQL Server.**
* Hands on experience working with **CSS, HTML**, **JavaScript, AngularJs, JQuery.**
* Hands on experience on deploying the web services on **IIS server**.
* Experience in using design patterns and in developing **UML** diagrams including **use case** diagrams, class diagrams and dependency diagrams.
* Experience in providing web security using ASP.NET **authentication** and **authorization** mechanisms.
* Hands on experience in **LINQ** (Language Integrated Query) and Entity Framework by retrieving data from various data sources.
* Good knowledge of **RDBMS** Design and Implementation and **Object-Oriented Design (OOD).**
* Valuable team player with Excellent Communication skills, Trouble shooting skills with ability to learn and adapt to new technologies quickly.
* Hardworking, interested in learning new technologies with good communication skills and adept at working in both team environments as well as individually.

**TECHNICAL SKILLS :**

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| **Languages** | C#.Net, JavaScript, VB Script, HTML, XML |
| **Technologies** | ASP.Net, Web Services, WCF, ASP.Net MVC, Web API, LINQ, AJAX, JQuery, JSON, ADO.Net, CSS, Entity Framework, Azure |
| **Tools** | GIT, Team Foundation Server, Source Depot, CRM, VS 2015/2017 |
| **RDBMS** | SQL 2012/2015 |
| **Framework** | .Net 2.0/3.0/3.5/4.0/4.5, Angularjs |
| **Design Patterns** | 3-Tier, MVC, GoF |
| **Operating System** | Windows Family |

**PROFESSIONAL EXPERIENCE:**

# Title: Software Developer (.NET)

# Client: AAA, Flint, MI Sep 2017 - Current

AAA is a leading automotive insurance provide in United States and Canada. The project involves handling membership information for various AAA Clubs across USA. The raw user data provided by club has to be analyzed, cleansed and parsed into tables, thereby producing membership specific cards, carriers and inserts for all members across each club based on their individual business rules and preferences.

**Responsibilities:**

* Involved in requirement gathering by interacting with business owners and converted them into technical specifications
* Implemented Layered Architecture with Application Layer, Business Logic and Data Access Layer
* Participated in full development lifecycle using **SOLID** Principles and **Object-Oriented Programming (OOPS)** concepts
* Developed the web application **Payment Processing Module (PPM)** using **.Net Core 2.0, MVC Core, Web Api 2.0, Razor, C#, angular2.0, Ajax, Html5, CSS3, Bootstrap, JSON** and **LINQ.**
* Used **Hangfire** to perform background processing jobs such as delayed, recurring jobs in our **Asp.Net core** application.
* Created and utilizes **Web API** methods for database operations (CRUD) through **Entity Framework6.0**.
* Increased the Security by using **Data Annotation** and **Action Filters** for Client- side and Server-side validations, authentication and authorization.
* Used **LINQ** and **Lambda Expressions** to filter data received from the different API Calls.
* Used **Dependency Injection** to introduce a loosely coupled architecture and make the application more testable.
* Enhanced the application efficiency by using C# new **Async** and **await** features to perform asynchronous operations.
* Implemented Angular JS MVC frameworks in **AJAX-driven websites** using proxy to get the data from the back end in the form of **JSON** to populate on the UI components.
* Used **Log4net framework** for error handling and logging.
* Used **Angular 2.0** CLI commands for productivity and global/generic building blocks.
* Created Typescript reusable components and services to consume REST API’s using **component-based architecture** provided by **angular 2.0**
* Implemented code coverage using **Jasmine** for Angular JS on the client side.
* Experience in **test driven development** using **N-Unit** Testing for the piecewise testing of the applications.
* Involved in writing **SQL Queries, Stored procedures** and **triggers.**
* Used **GIT** for version control to track check-ins and rollback code.

**Environment:** C# (6.0), .Net 4.5 Framework, ASP.Net MVC Core, Entity Framework 6.0,LINQ, HTML5, JavaScript, Angular 2.0, TypeScript, Web Api2.0, MS SQL Server 2016, Git, JIRA, Confluence, Bit Bucket.

**Title: Software Developer**

**Client: Parker Chelsea, Flint, MI Jan 2015 - Aug 2017**

Parker Chelsea is one of the leading companies to provide PTO Transmission equipment to various automotive clients across the globe.

**Responsibilities:**

* Designed and developed the user interface to be responsive for desktop, mobile and tablets using **Angular JS, HTML, CSS** and **JavaScript** scripting languages.
* Created on **SQL** **Queries**, **Stored** **Procedures**, **View**, **Trigger** and **Index** for implementing database operation.
* Used ASP.NET and C# in **MVC** framework for front-end development.
* Involved in creating data tables using **SQL Server Management Studio.**
* Developed large-scale, real-time, blogging server and UI using **Angular.JS** for server- side validations**.**
* Manipulated the complex data by different **SQL** **Stored procedures** reporting using **SQL Server Management Studio.**
* Worked with **Team Foundation Source Control** (TFS) as the source for version control.
* Created and supported a secure forms authentication/roles authorization based system.
* Created classes and core modules in **C#** for Data access and Business logic to meet with the user requirements.
* Used **Cascading Style Sheets (CSS)** inline, internal and external for adding style to web.
* Used **JavaScript** and **jQuery (JavaScript library)** to perform validations and write some event controls.
* Utilized **ASP.Net** Input Validation controls and **JavaScript** for client- side validations.
* Involved in implementation of front-end design and Search module using **AGILE Methodology** for the dynamic software development.
* All test scripts were created and executed using standard client-specific delivery templates.
* Created use-cases, unit test plan and carried out unit test execution.
* Did peer review for code, unit test plan and unit test execution results.
* Worked extensively on developing **UML diagrams**.

**Environment:** ASP.Net, C#, SQL Server Management Studio, TFS, GIT, Angular JS, HTML, CSS, JavaScript, jQuery, AJAX and Agile development.

# Role: Project Engineer Nov 2011- Dec 2014

# Client: National Grid Transmission, Soulihull, UK Jun 2013 - Dec 2014

National Grid is a major utilities provider in UK across five regions. This project is based on developing and supporting work order transfer system for transferring notices to highway authorities. Improved business processes by designing KPI reports to track everyday status of notices sent and generated ad-hoc reports. Involved in developing scripts to automate generation of daily scheduled reports.

**Responsibilities:**

* Involved in Agile process, biweekly Sprints, and daily Scrums to discuss the development of the application with the **.NET technology.**
* Participated in system specification meetings, analyzed user requirements, coordinated with coders and team members.
* Worked on **UI** controls in **MVC** with group by and Filters, populated data by passing **JSON** objects using **jQuery**, **JAVASCRIPT, LINQ** and **Ajax**.
* Created **ASP.Net MVC** views, controllers and HTML helpers.
* Developed business logic using **C#**.
* Created Graphical representation of Data science and analytics by consuming data from **Web API services.**
* Used SDLC, for the web application development and designing.
* Followed Agile and Scrum Methodology and to produce high Quality software.
* Worked with **MICROSOFT Team Server Foundation, GIT** and **VSO** for the source controlling and for the client- side development **HTML5, CSS** and **Java Scripts** are used.
* Worked with **HTML5**, **JAVASCRIPT** and **AngularJS** scripting for validation forms.
* Analyze user needs and software requirements to determine feasibility of design within time and cost constraints.
* Used Entity Framework for connecting to **SQL** Database. Wrote **SQL procedures** with optimized complex queries to extract data.
* Extensive Knowledge in fixing **accessibility bugs** and **functional bugs** in less time.
* Diagnosed, troubleshooted, and resolved bugs in existing systems.

**Environment:** C#, AngularJS, MVC, Web API, HTML5, CSS, TFS, GIT, VSO, SQL Server Management Studio, Java script, jQuery and Agile development.

# Client: National Grid Gas Distribution, Hinckley, UK Nov 2011- Feb 2013

# Responsibilities:

* Involve in general requirements gathering from the client, an analysis of the scope of the development process.
* Responsible for creating Single page application using **HTML5, CSS3, Bootstrap, Javascript, ASP.NET Web API** and **Angular Js.**
* Created .NET **User Controls** and Client-Server Validation Controls using **ASP.NET, C# .Net** and **JavaScript.**
* Followed **N-tier Architecture** for Data layer ViewModel, AutoMapper, Repository, Entity Framework was implemented. Business layer consists of Web API and In Presentation layer, Views and JS service files was developed.
* Implemented Database-First approach of creating **Entity Framework** and **LINQ** to retrieve and save entity models
* Implemented client-side form validation such as required field validation and regular expression validation using **ng-required**.
* Completed the Web API framework to implement **$http** and **$q services**, generally sending and receiving **JSON** formatted data through a **RESTful API.**
* Used **Angular JS service** like **$broadcast, $emit, $root scope** for data transmission between controllers.
* Implemented Custom directives and utilize isolated scope to increase code reusability and factory and services for **dependency injection.**
* Used UI Router to create different hierarchy structure in single page application.
* Improved **Digest cycle time** and **watcher numbers** by modifying the unnecessary two-way binding to One-way binding.
* Configured the Global.asax file to resolve the cross-domain issue and allow the type of HTTP request from the front-end to Web API.
* Implemented **Error handling** by overwriting $exception Handler in factory service.
* Experienced in using **Fiddler** to test and debug **Web API** and **Angular Js.**
* Performed Automated and isolated tests by using **Jasmine**.
* Developed **stored procedure, views, and T-SQL scripts** for database maintenance, deployment and installation.
* Involved in **Agile/SCRUM Process**, attending daily stand up and completing tasks in sprint.
* Used **TFS** to maintain the version control history during development.
* Experience in designing and invoking reports for web applications using **SSRS** (SQL Server Reporting Services).
* Implemented **ETL process** from Excel and flat file to MS SQL Server using **SSIS**.

**Environment:** C#, .Net 4.5 Framework, ASP.Net MVC3.0, XML, Ajax,LINQ, CSS3, HTML5, JavaScript, Angular JS, Backbone Js, React Js, Web Api, MS SQL Server 2014, TFS 2013.