**Thierno Bah**

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**Summary:**

* 5 years of IT Experience at developing and maintaining software using **AngularJS 1/2, HTML5, CSS3, NodeJS, Express Javascript, jQuery, C#, ASP .NET, ASP .NET MVC Framework, AJAX, SQL Server, ADO.NET, LINQ, Entity framework ASP.NET Web Api and Mongodb.**
* Experience in building SPA, Angular route and Angular UI using routeprovider ng-view and  
  stateprovide ui-view in **AngularJS**
* Familiar with concept of **Components**, **Modules**, **Metadata**, **Data-Binding, Service, Dependency Injection** and **RxJs in Angular2**
* Strong understanding in using controllers, modules, directives, factories services, dependency  
  Injection, and two-way binding in **AngularJS**.
* Proficient in developing **N-tier Architecture** User Interface (UI), Business Logic and Data Access components to meet user requirements**.**
* Experience in Unit testing methodology for testing each part of application using **NUnit, Jasmine and Karma** Framework.
* Experience in using Web API REST principles.
* Worked with **ADO.NET Entity Framework and LINQ**. Experience in working with **DataAdapter**, **DataSet** and **DataReader** as a part of ADO.NET
* Highly understanding in creating and managing layout Views, Partial Views, ViewModels using  
  ASP.NET MVC.
* Proficient in creating Stored Procedures, Triggers, Views, User Defined Functions and other  
  possible Database Tasks in **SQL Server 2012** using **T-SQL**.
* Highly qualified while working as a team member, experience at solving software problems and  
  leadership responsibilities on some software projects.
* Experience in Version Control Tools such as **Git** and **TFS.**

**Technical Skills:**

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| **Languages** | C#, HTML, CSS, Java, C/C++, Python, JavaScript, PHP |
| **Web Technologies** | Angular 2, AngularJS, ExpressJS, NodeJS ASP.NET 4.5/4.0/3.5, MVC 5/4.5/4.0/3.5, TypeScript, JavaScript, AJAX, jQuery, Web API, IIS. |
| **Database** | SQL Server 2012/2008, MongoDB, MS Access 2010, MySQL |
| **Development Tools** | MS Visual Studio 2010/2012/2014/2015/2017, SQL Server Management studio 2012/2008, Netbeans, Sublime, MySql Workbench, Pycharm |
| **Testing tools** | Postman, Nunit, Fiddler |
| **Operating System** | Windows XP/7/8/10, Windows Server 2008/2012, Ubuntu. |
| **Version Control Tools** | Team Foundation Server (TFS), Git, GItHub, GitLab, Bitbucket. |

**Professional Experience:**

**JPMorgan Chase & Co., Jersey City, NJ Sep 2017- Current**

**Role**: Full Stack Angular Developer

**Description**: JPMorgan Chase & Co. is a U.S. multinational banking and financial services holding company headquartered in New York City. Client Relationship Management (CRM) is used to develop stronger relationships between businesses and customers. The system works by linking client calls to their profiles, which will show a history of their previous trades, among other information and an analytics program will then use that history to suggest trades. The existing CRM application was upgraded to Single Page application using Angular2 , Node and Express JS to improve the performance. As a developer, my responsibility was to develop Client Intelligence platform which provides analytics on clients, deals, bankers, products, and profitability measures at the detail and aggregated level across key business metrics and dimensions.

**Responsibilities:**

* Designed and implemented the single page webapp using **Angular** with **MongoDB**.
* Implemented the Backend server using **Node JS** & **Express**, and **Mongoose** to interact with **MongoDB** server.
* Used mongoose to connect **MongoDB** and to create the models and schemas
* Used **Node** and **Express** for all the server api that handles the different http requests.
* Designed the layout of user interface with **Bootstrap** and **CSS3**.
* Used **Maps** and **Observables** with **Angular 2** to generate asynchronous operations and map the response to the corresponding model.
* Used **TypeScript** to write the **Angular** Components, Modules, Services, and Models
* Used **Angular 2** **routing** and configured the routes to allow a seamless navigation.
* Implemented form validations using **Angular 2** **Template-driven** and **Reactive Forms**.
* Made use of **Pipes** from **Angular 2** as filters to display data nicely to users.
* Developed frontend pages using **HTML, CSS** and **Bootstrap** framework
* Used **NodeJS** (NPM) as the package manager for development workflow dependent plugins
* Participated in daily Scrum meets and used AGILE methodologies to manage development process of the project.

**Environment:** Visual Studio Code, Git, Angular 2, Reactjs, nodejs, npm, Express, Mongoose, MongoDb, HTML5, CSS3, bootstrap 3, jQuery 3, typescript, postman

**Anthem Inc, Indianapolis, IN Dec 2016-Sep 2017**

**Role**: AngularJS, .NET Developer

**Description**: Anthem Inc. is an American largest for-profit managed health care insurance company in the Blue Cross and Blue Shield Association. The main objective of this project was to design an Employee Portal from which the employees can give a customer Insurance Catalog and the employees can access Customer information and update the customer information on various types of insurance policies provided by the company based on the customer’s financial flexibility. Employees can process claims and authorize payments for the customers, provides various functionalities such as generating different types of quotes based on medical history of customers. I worked on features where the employee can enter customer information and identify approximate costs of insurance along with the respective insurance provider.

**Responsibilities:**

* Designed and developed application using **AngularJS, HTML5, CSS3, JavaScript, SQL SERVER 2012** and **ASP.NET Web Api.**
* Implemented the **AngularJS $HTTP services** to interact with the backend API server.
* All the CRUD operations were performed with the help of **AngularJS** **$http**, **$q** with respect to database.
* Used **$sessionStorage**, **$localStorage** and **$cookieStore** to store data in browser.
* Created multiple Custom Directives by defining **AngularJS Directives**, attaching Event Listeners, **Controllers** & updating DOM elements.
* Utilized **AngularJS ngRoute** to create single page applications.
* Designed the Data Layer using **Entity Framewor**k Database First Approach. Used Data Annotations extensively for model validations.
* Used **ASP.NET Web API** for the business layer logics and used lambda expressions to response data to the model.
* Used **Postman** to check the responses of the Web API’s developed.
* Used **bootstrap** to style and to make responsive web application.
* Version control maintained by **Git** with GitHub remote repository.

**Environment:** Visual Studio Code, Git, AngularJS, ASP.NET Web API, Html, CSS, JavaScript, bootstrap 3, JQuery3, Postman.

**Deloitte Human Capital, New York, NY Nov 2014- Nov 2016**

**Role**: ASP.Net Developer

**Description**: Deloitte Human Capital is a global leader in human capital management solutions. The company designs, develops and implements innovative web-based workforce management solutions for customers around the world. Companies of all sizes, across all industries with both domestic and international footprints benefit from Deloitte’s end-to-end enterprise-wide human capital management

solutions. Contributed to a Talent Acquisition Management Solution to update their current system, increasing performance, and adding functionality. The enterprise-level application provides a modern, functional solution, to run their business process, as well as providing an increased user experience to their customers. The modules included in the application are drafting the bid, approval process, project team selection, vendor notification, vendor review, contract creation, project milestones, and project review.

**Responsibilities:**

* Designed and implemented the web application using ASP.NET Web Forms, C#, HTML5, CSS, Bootstrap, AJAX, jQuery and JavaScript and **MS SQL Serve**r for the database.
* Used **ASP.NET** Framework to create the webforms and code behind.
* Designed the front end using **html, CSS, jQuery, JavaScript, JSON**, and bootstrap
* Gained extensive experience working with **AJAX Extensions, User Controls, Master Pages, ASP Web Forms.**
* Implemented **caching** to boost up performance and reduce server calls. The database results were also stored in cache to reduce queries to the database.
* Created SQL functions and Stored Procedures in **MS SQL Server.**
* Used **AJAX** (popups, autocomplete, date picker) to create better, faster and more user-friendly web applications.
* Implemented Server-side validation using **ASP.NET** validation controls and Client-Side validation using JavaScript.
* Worked with State Management extensively– **Sessions, Cookies, ViewState, Query Strings**.
* Used built in **ASP.Net controls**, such as ASP textbox, ASP Dropdown, and various DataGrid.

**Environment:** ASP.Net framework, ASP.NET Web forms C#, ADO.NET, CSS, JQUERY, JavaScript, AJAX toolkit, IIS, Visual Studio 2012 and MS SQL server

**Family Dollar, Brooklyn, NY May 2013-Sep 2014**

**Role**: ASP.NET MVC Developer

**Description**: Family Dollar Stores Inc. is retail company that offers different merchandise ranging from household cleaners to name brands food, from toys to apparels. An Over Time and Attendance Equalization Application was developed to allow employees to apply for Over Time and leaves with the HR Manager and allowed the HR Manager and Supervisor to approve or cancel a request. The system provides efficient means to analyze, request and record overtime hours. And it enables supervisors to quickly identify employees eligible for overtime based upon their ranking. The application allowed for salary adjustment depending upon the requirements. The application also implemented authentication to allow different level access to employees according to their designation.

**Responsibilities:**

* Developed the web application using **ASP.NET, ASP.NET MVC 4.0, Entity Framework, HTML5, CSS, Bootstrap, AJAX, jQuery and JavaScript.**
* Used **ASP.NET MVC** Framework to create views, partial views, layouts, models, view models and controllers.
* Designed the front end using **HTML**, **CSS, jQuery, JavaScript, JSON**, and **bootstrap**
* Used ADO.NET and **Entity Framework** to create Models
* Created SQL functions and Stored Procedures in **MS SQL Server**.
* Used **webgrib**, **HTML helper**, and **RAZOR** to generate HTML output.
* Worked on Action Filters for implementing user authentications, authorizations and role-based security.
* Used the Shared layout view to keep the theme consistent across page
* Worked largely with **Razor Views** for displaying C# code in HTML. Implemented **ViewBag, ViewData, TempData** and **Session** to transfer data between Views and Controllers.
* Used partial views for certain common layout and in other views to dynamically render some **JQuery ajax** calls to specific parts of a page which minimize the need to reload the whole page
* Created an extensive Web **API** to handle different HTTP requests: GET, POST

**Environment:** ASP.Net MVC framework, C#, ADO.net, Entity Framework, CSS, AJAX, JQUERY, JavaScript, JSON, MS SQL server,Visual Studio 2012

**Education:**

Stony Brook University, Stony Brook, NY

B.S Information Systems