AMIR SHIRAZI

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EDUCATION

California State University - Fullerton, CA
Master of Science in Computer Science concentration in Software Engineering, Database & Web Programming 2014

Tehran Azad University – Tehran, Iran
Bachelor of Science in Computer Engineering 2007

PROGRAMMING SKILLS

C	jQuery	Swagger UI	Protractor	Angular
C#	Typescript	Bootstrap	HTML 5, CSS 3	WCF
.NET MVC	Knockout.js	GIT	T-SQL	Entity Framework
.NET Core	React/Redux	JavaScript	Web API	Webpack

PROJECTS

Marketing: Taking the lead and end-to-end development of the company's marketing web application in .NET Framework, AngularJs and JavaScript.

CRM: a large-scale web application in .NET MVC and Angular 6/CDK that is responsible for managing customers' information. As a part of the development team, I was heavily responsible for front-end and mid-tier design and development using Angular 4,5,6,7 (System.js, Rollup, Webpack and Typescript)

Intranet: End-to-end lead, design and implementation of the company's intranet website using .NET, Angular 6, 7, CDK and CLI.

Customer Portal: Heavily involved in mid-tier and front-end design and development of Customer portal, A web application to retrieve customers' most recent bank account cash flows using a third party's API. The application is developed using ASP.NET MVC, Bootstrap and AngularJS.

Career Portal: End-to-end design and implementation of the web application to submit job applications implemented using .NET Framework, Bootstrap, jQuery, jQuery DataTable and JavaScript.

EXPERIENCE

Bitcentral, Inc.   **Senior Software Engineer**
Newport Beach, CA - 03/2020 to present

- Video OnDemand Player: Design, development and deployment of a custom web element that plays a video playlist and accepts pre-roll and post-roll ads. The component was built using VideoJs and GoogleIMA using TypeScript and Webpack and published to AWS via PowerShell.
- LiveStreamManager Lambda: a pair of AWS Lambda functions in .NET Core. One reads video stream segments from a M3U8 source and saves them in S3 and the other function receives and sorts the transcoded segments from a service and sends them to SQS.
- NMOS Integration: as a member of the team, I was responsible for reading the specification as well as integration of the new devices and their APIs into the system.

National Funding LLC   **Software Development Engineer II**
San Diego, CA - 10/2019 to 03/2020

- Development multiple web API services as part of a micro service platform called Syndication Service to syndicate leads to the external brokers using .NET Framework and .NET Core.

Quick Bridge Funding LLC   **Software Development Engineer II**
Irvine, CA - 02/2019 to 10/2019

- Taking end-to-end lead and initiative for refactoring and fixing the loan management software – a large scale monolithic web application written in .NET framework, WCF, jQuery, JavaScript and Knockout.js along with all its standalone services and console apps.
- End-to-end design and lead and development of a web application responsible for pledging the loans into the system using .NET Core Web API, React/Redux AWS Parameter Store and Entity Framework Core.

iHerb Inc   **Software Development Engineer II**
Irvine, CA - 09/2018 to 2/2019

- Refactoring the mobile web UI for "My Account" portal using jQuery, JavaScript HTML and CSS.
- Taking the lead and initiative for rewriting the User module web application using .NET Core 2.1.

Quick Bridge Funding LLC   **Software Development Engineer**
Irvine, CA - 04/2015 to 9/2018

- Taking the lead and initiative of multiple web applications and services using C#, ASP.NET MVC, EF 5, 6+, SQL Server 2014+, SOAP and Rest API, WCF, AngularJS, Angular 2, Typescript, Knockout.js.

- **CRM**: as a team member I was involved in developing services and APIs as well as designing, leading and maintaining all the UI components developed in Angular 2 and upgrading the framework from 2 to 4, 5, 6 and recently to 7 as well as developing custom components like document tree, sortable tables and modals using Angular CDK.

- **Phoenix**: a large-scale loan origination web application system. As part of the team, I was responsible for adding new features as well as maintaining the existing ones in both back-end and front-end using knockout.js, jQuery, SignalR and JavaScript in the front-end, and WCF, .NET Framework in the back end.

- **Marketing**: as the sole developer for the web application, I was responsible for end-to-end design and development of an application for creating, modifying and scheduling the marketing campaigns using a dynamic query builder. It was developed in angular.js 1.5 and .NET MVC.

- Web and Console Application Developer and Backup Support using C#, ASP.NET MVC, EF 5, 6+, SQL Server 2014, WCF, AngularJS, jQuery, JavaScript, HTML5, CSS3, Bootstrap, Knockout.js.

L.A County Department of public works   **Application Developer Intern**
Alhambra, CA - 07/2014 to 04/2015

- Developer and Technical Backup support for ColdFusion and ASP.NET MVC Applications using ASP.NET web forms and MVC, Toad for Oracle and ADO.NET.
- Debugging, maintenance and support for internal applications and DPW website.

California State University Fullerton   **Student Application Developer**
Fullerton, CA - 08/2012 to 07/2014

- Bug fixing, design and implementation of "Event Application" and "Titan Radio/TV" application. Both built with .Net web forms, jQuery and jQuery Mobile.
- Maintenance and support for database and internal applications.