



SUMUKHI KAPPA

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EXECUTIVE SUMMARY

- **Over 3 years' experience** in System Analysis, Design & Development of Web and Mobile applications using **Microsoft .NET Technologies** and **JavaScript Frameworks**.
- Built pixel perfect websites focusing on **CSS3**, responsive web, accessibility, performance and user experience.
- Efficient in developing web applications using **HTML4/5**, **CSS2/3**, **Bootstrap2/3**, **AJAX** and used task runners like **Grunt and Gulp** to automate CSS3, preprocessors **Sass/LESS** to optimize images for the same
- Strong experience implementing Routing, UI routing, Services, Factories, Directives, Filters with **Angular JS 1.x**.
- Extensive experience creating Single Page Applications using **Angular**, **ASP.NET MVC**.
- Experience creating and consuming **RESTFUL Web Services** using Web APIs.
- Experience developing applications with Entity frameworks "Code First and Database First approaches" and used **LINQ to Entities** and **LINQ to SQL** extensively for retrieving, querying, and manipulating data in the database.
- Experience working with **SQL Server** – writing queries, stored procedures, and functions. And **ADO.NET** for database connectivity and transactions.
- Cross platform mobile application development using **Xamarin Forms** and Native **windows phone 7** application development.
- Worked with **Git** and **TFS** for source control, **JIRA** for Bug tracking.
- Enthusiastic, self-driven Individual with excellent communication, teamwork, and interpersonal skills.

CERTIFICATIONS

Certified **Microsoft Technology Associate MTA-98-361 Software Development C#**

EDUCATIONAL QUALIFICATION

- **Master of Science (M.S)** in Computer & Information Science, **University of Massachusetts– Dartmouth, MA**
- Bachelor of Technology (B. Tech) in Computer Science, JNTU, Hyderabad, India

SKILLS SUMMARY

Languages	C#.NET, JavaScript.
.NET Technologies	ASP.NET MVC, Razor, Web Services, ASP.NET Web Forms, ADO.NET, LINQ, Entity Framework, SSRS, Crystal Reports,
Web Technologies	HTML5, CSS3, Bootstrap Java Script, AngularJS, jQuery, AJAX, XML, JSON, Web API, WordPress, Weebly, D3 js, Chart.js.
Database	SQL Server, MongoDB.
Tools	Visual Studio, Brackets, Web Strom, SSMS, SQL Server Profiler, Microsoft Visio, Fiddler, Postman, JIRA,
Other Tools	Google Tag Manager, MS Office, Adobe Photoshop, Illustrator, InDesign, Paint.NET
Version Controller	Team Foundation Server, GIT.
Mobile Applications	Cross platform mobile apps with Xamarin Forms, Windows Phone 7, Android,
Familiar With	Python, Signal-R, Win Forms, Angular 2, MongoDB, Node JS, Express JS, Grunt, Gulp, SEO, LESS, SASS, PHP.

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PROJECTS

MASTERS THESIS – A Case Study on Different ways of Sharing Data in Social Network

Developed a social network simulator framework using WinForms to determine how sharing of information works in social network based on few strategies and provided an analysis with different experiments on different network sizes.

Environment: C#.NET, Win Forms, Visual Studio, Data Analysis Python, Pandas, D3, MS-Excel.

- **Resident Population Survey:** Data Analysis of data sets to infer patterns in resident population with Python, D3.
- **Medical Simulator:** Analysis of data sets with trained neural system.
- **Tic-Tac-Toe:** A two Player tic tac toe game using minmax algorithm.
- **Vidly:** A movie rental app with single sign on to rent movies as user& add, update or delete records as admin.
- **Apps published in Windows Store:** Periodic Table +, Red Convertor, Traffic Rules Guide.

PROFESSIONAL EXPERIENCE

MARLABS INC

DEC 2016 – PRESENT

Role: Programmer Analyst C#.NET Developer – FW Website, Mobile App

Marlabs provides digital agility to clients. Worked here for a client Familywise as a C# .NET Developer. They provided prescription medication savings. Their system is a complete Web-based software solution for its users to acquire prescription medication discounts. It provides features like drug look up, medicine cabinet, card download, partners portal, Walgreens integration, blog both as a web and mobile application.

RESPONSIBILITIES

- Executed and contributed to full-stack web and mobile application development as per mockups, with an emphasis on front end features, browser manipulation, and cross-browser compatibility.
- Designed and developed views/templates on top of **C#**, using the **Razor** templating engine with **HTML/CSS, Bootstrap, JavaScript, jQuery, AJAX**.
- Integrated **jQuery** and **jQuery UI** plugins like dropdown, calendar, modal, grid structures and menu for rich user experience and Validations using **JavaScript**.
- Involved in developed N-Tire Architecture system using **ASP.NET MVC, Entity Framework, LINQ, Web API** following a Waterfall methodology
- Also, involved in implementing **Dependency Injection** using **UNITY** Framework; **Signal-R** for bi-directional communication between server and client for implementing the drug look up tool.
- Created and consumed **Restful Web API**. Wrote queries and Stored Procedures in **SQL** to store and retrieve data and worked with **Entity Frameworks** Data Base First approach to implement the DAL with **LINQ to SQL**.
- Also, worked on cross platform mobile application development using **Xamarin Forms** to redesign the existing **iOS** and **android** mobile application.
- Worked with **Charts.js** for Visualizations. Used **TFS** for Version Control.

Environment: HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, ASP.NET 4.5, C# 4.0/5.0, ASP.NET MVC 5.0, C# Razor, Entity Framework 6.0, LINQ, SQL Server 2014, SSMS, RESTful Web API, Postman, Fiddler4, Visual Studio 2015, TFS, XAML, Chart.js, SSRS, JIRA.

ENSIS Technologies

Sept 2016 - Dec 2016

Role: Software Engineer Trainee

RESPONSIBILITIES

As a Software Engineer Trainee, I was trained for developing and maintaining web applications for their clients in .NET Technologies - MVC, Entity Framework, LINQ, Web API, Web Forms, Master Pages, ADO.NET, WCF.

- Developed an MVC application and implemented the design mockups of the blog portal using **HTML, CSS, JavaScript, jQuery, Bootstrap, AngularJS** in mobile first approach with cross browser compatibility.
- Used **Entity Framework's** Code First Approach to save data to database. And consumed **REST API**.

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Environment: Visual Studio 2012, ASP.NET 4.5, C# 4.0, MVC 5.0, Entity Framework 6.0, LINQ, SQL Server 2012/2014, AJAX, HTML, CSS, JavaScript, jQuery, AngularJS,

Graduate Assistant: Prof. Shelley Zhang Dion College of Engineering – University of Massachusetts Dartmouth

Plum Direct Marketing

Feb 2015 - Mar 2015

Role: Web Developer

Plum Direct Marketing provides Innovative Financial Marketing Programs and direct mailing services to their clients. I worked here as an intern contributing on redesigning their existing web application.

RESPONSIBILITIES

- Worked to design, develop, and maintain their existing web app in **MEAN** stack.
- Built responsive SPA using **AngularJS, HTML/CSS, Bootstrap, JavaScript**, and **jQuery** plugins for Drag and Drop, AutoComplete, Searching, Paging, Sorting.
- Consumed a **RESTful** web service using **AJAX** services like \$http, \$resource and handled cross domain requests to retrieve the required **JSON** data for the application and Involved in writing server-side scripts using **NodeJS**.
- Worked with **MongoDB, Mongoose JS** to interact with **Node.js** using **Express JS** on the server-side.
- Generated **XML** and **HTML sitemaps** for **SEO. Google Tag Manager** to track and analyze their Traffic. Used **GIT**.

Environment: HTML, CSS, Bootstrap, JavaScript, jQuery, AngularJS, MongoDB, NodeJS, Express JS, Mongoose JS, Grunt, Bower, Yo, NPM, Git, Web Strom, SEO.

Electronics Corporation India Limited, Hyderabad India

Dec 2013 - May 2014

Role: UI Developer Intern

ECIL is a Government of India Enterprise as a national asset in strategic electronics under the Department of Atomic Energy. I worked as an Intern here on the User interface for two of their projects the web portal module of the Farmer Information Center (FIC) for Cotton crops and Patient Administration module on Radiation Medicine Center (RMC).

RESPONSIBILITIES

- Worked on maintaining the existing web application and Implemented rich dynamic UI using technologies like **HTML5, CSS3, Java Script, jQuery, AngularJS**.
- Created and implemented a custom CSS grid system, with CSS media queries and migrated the UI to bootstrap for responsiveness.
- Programmed **HTML5** canvases to animate particles on web backgrounds for site-wide promotions. Wrote media queries in CSS and used Bootstrap.
- Used JavaScript for various client-side operations and ASP.NET custom controls for server-side validation. jQuery, jQuery plugins and jQuery UI for client- side controls, effects and animations etc.

Environment: Visual Studio 2012, ASP.NET 4.5, C# 4.0, SQL Server 2012/2014, AJAX, ADO.NET, HTML, CSS, JavaScript, jQuery, AngularJS, MS Visio, TFS.

Inphinity Software Solutions (INPHI SOFTSOL), Hyderabad India

May 2013 - Nov 2013

Role: Web Developer

Inphinity Software Solutions is one of the Computer Software firms providing digital marketing services, in Hyderabad. I worked on their client's web applications couple of which were ecommerce applications.

RESPONSIBILITIES

- I was responsible for design and implementation of dynamic, responsive **ASP.NET** App with **AngularJS** on presentation layer consuming **REST API**.
- Developed code for Shadowboxes, Slider Carousals, Tickers, Rotating Headers, **jQuery** Validations, **JS animations, AJAX, D3js**. Created **HTML** email templates and newsletters for e-mail marketing campaigns.

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- Extensive experience creating SPA's in **AngularJS** with custom controls, services, factories, dependencies with **Nested UI** Views in integration with **Bootstrap**, **jQuery** plugins.
- Developed ecommerce website on **WordPress** with Woo commerce and involved in customizing certain plugins.
- Troubleshoot for bugs and reported potential errors. Perform **User Acceptance Tests** on various modules.

Environment: HTML, CSS, Bootstrap, JavaScript, jQuery, AngularJS, REST API, WordPress, PHP, ASP.NET Web forms, C#.

COGIN, Hyderabad India

Jan 2013 - March 2013

Role: Jr. Developer

COGIN is a IT firms that provides Computer Software Solutions, in Hyderabad. I worked on a project called Universal Dossier as a part of academic industrial project. Universal Dossier is a concept of public or private sharing of data over a network with various levels of access privileges. It enables to create a central repository for organizing the data by providing a file management with secure access control, sharing and supporting of files with in the registered users.

RESPONSIBILITIES

- Had to pair with other developers of Software development team and focus on depth of knowledge and expertise in .NET framework.
- Involved in the development of dynamic ASP.NET Web pages using web forms and Master Pages. Created various controls like grid, panel, date picker, combo box, validation, dropdown and Autocomplete etc.
- Retrieved data using ADO.Net and Ensured the feasibility of the UI designs.

Environment: HTML, CSS, JavaScript, jQuery, C#, ASP.NET, Master Pages, Web-Forms, ADO.NET, SQL, Visual Studio, TFS, SSMS.

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