Sunil Kumar Elluru

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**Profile Summary:**

* Around 18 years of full lifecycle development experience in desktop, web, service, and cloud-based applications.
* Over 10 years of experience in developing responsive and single-page web applications using various frontend frameworks like Angular, AngularJS, Node.js, RequireJS, Webpack, gulp, and Bootstrap 3/4.
* Expertise in architecting and developing “Single Page Applications” using Angular/Angular.js and hands-on Around 18 years of experience in creating controllers, directives, components, factories, services, routings, and events.
* Over 10 years of experience in the design and development of web applications using various technologies like C#, .Net Framework, .NET Core, ASP.NET Web API, MVC 3.0-5.0, Entity Framework 5/6, LINQ, and SQL server.
* Experience developing cloud-based applications using AWS EC2, VPC, S3, EBS, ELB, CloudFront, IAM, RDS, Batch, Step Functions, CloudWatch and Lambda.
* Experiences working on CSS Preprocessors like LESS and SASS.
* Over 6 years of experience in Windows applications using Winforms, WPF, WCF, XBAP, and MS Enterprise libraries.
* Experience in Multi-threading, Serialization, Windows Services, Web services, Reflection, and Remoting.
* Experience in design Patterns and a better understanding of SOLID principles.
* Expertise in software development lifecycle models like Waterfall, Iterative, and various Agile methodologies like Test Driven Development (TDD), and SCRUM.
* Experience in architectural patterns like MVC, and MVVM and good knowledge of Docker, Kubernetes, and microservices.
* Experience designing and developing software for Home Network Attached Storage Devices like HP MediaSmart Server, and experience in storing data in the cloud using Amazon web services and MA Azure.
* Design and code the solution for the requirements of the client. And review the code written by the team.
* Lead experience in the design and development of desktop, web, and mobile applications.
* Flexible and passionate to learn advancements in the IT industry.

**Technical skills:**

**Languages and .Net**

**Frameworks :** C, C#.NET, VB.NET, Java, Flex 3.0, Net Framework

1.1 - 4.8, .NET Core 3.1, .NET 6.0.

**Frontend Frameworks :** Angular, AngularJS, Knockout.js, Node.js, RequireJS, TypeScript,

Webpack, Gulp, jQuery UI, jQuery Mobile, ReactJS, and Bootstrap 3-4.

**Web Technologies :** MVC 3.0-5.0, Web API 1.0/2.0,ASP, ASP.NET, WebServices.

**Databases :** SQL Server 7-2016, MySQL 4.0, SQLite3,

PostgreSQL 13.5 and Oracle 8

**Public Cloud :** AWS VPC, EC2, Lambda, API Gateway, S3, ELB,

Batch, IAM, RDS, Route 53, CloudFront, Splunk,

AWS Step Functions and CloudWatch.

**Project Management Tools:** Jira, Confluence.

**CI/CD/CM Tool :** SVN, TFS, Jenkins, Git, Bamboo, Octopus and

Bitbucket.

**Operating Systems :** Windows XP-11, Linux, WHS 1.0/ 2.0, and Android 1.5.

**Educational Qualifications:**

Master of Computer Applications (M.C.A.) from Madras University, Chennai in 2003.

**Professional Experience:**

**Client: Verisk Analytics Jersey City, NJ** **(Remote) Sep’2021 - Till Date**

**Senior .NET -Full Stack Developer with AWS**

* Design and develop web applications using **Angular, bootstrap, webpack, ag-grid, CSS3, and HTML5.**
* Create Angular components, directives, decorators, and services to interface with restful APIs.
* Develop **RESTful APIs** using **C#, .NET 6.0, PostgreSQL, and AWS Lambda**.
* Develop **microservices, serverless lambda/batch** computing services and deploy them to AWS Cloud.
* Hands-on experience in developing serverless microservices **like AWS Lambda, and AWS Batch, and orchestrating them using AWS Step** Functions.
* Hands-on experience in implementing cache mechanisms like Redis.
* Hands-on experience in creating **ETL jobs/transformations** using PDI/Kettle/Spoon.
* Experience in using various PDI steps in cleansing and loading the data as per the business needs
* Design **ETL jobs and transformations** sequential and parallel as per the requirements.
* Hands-on experience in writing **backend scripts** using **Shell and Python** for various **ETL needs**.
* Hands-on experience in **implementing Hashicorp vault** to store and retrieve **DB credentials.**
* Write unit test cases and configure static code analysis tools like SonarQube with open cover and sonar scanner
* Design and develop add-on features to existing applications and bug fixes resulting from change requests.
* Participate in daily standup, sprint planning, and retrospective meetings.
* Participate in code, design, and architecture reviews.
* Assist in the estimation of effort related to the technical aspects of the system.
* Participate in brainstorming sessions and key user group interactions.

**Environment:** .**NET Core 3.1/.NET 6.0, C#, PostgreSQL 13.5, Pentaho 8.2, Python 3.8, Angular 8, node.js, typescript, webpack, HTML5, CSS3, SASS, Bootstrap 3/4, SonarQube, GIT, Bitbucket, Bamboo, Octopus and AWS Cloud (VPC, EC2, Lambda, API Gateway, S3, EBS, Batch, IAM, RDS, Route 53, CloudFront, Splunk, and CloudWatch).**

**Client: Credit Suisse Raleigh, NC** **Jun’2019 - Sep’2021**

**Full Stack Developer**

* Architect, design, and develop web applications using Angular, AngularJS, bootstrap, webpack, and ASP.NET.
* Create Angular components, directives, decorators, and services to interface with both restful and SOA services.
* Create data processing handlers using Tibco EMS and C#.
* Involve in all stages of the Software Development life cycle like application design, development, debugging, and unit testing.
* Create Web APIs using .Net Core.
* Configure and create scripts for Git and Jenkins for continuous integration of builds.
* Design and develop add-on features to existing applications and bug fixes resulting from change requests.
* Create the stored procedures, SQL jobs, reports, complex SQL queries, and cursors using SQL Server 2008 and 2014.
* Provide technical support to other members of the team.
* Extensively involved in writing complex stored procedures, cursors, views

triggers, and user-defined functions.

Participate in code, design, and architecture reviews.

* Assist in the estimation of effort related to the technical aspects of the system.
* Participate in brainstorming sessions and key user group interactions.

**Environment: Windows 10, .Net 4.8, .Net Core 3.1, ASP.NET, C#, SQL Server 2008/2014, TIBCO EMS, Angular 8, AngularJS, jQuery, RequireJS, node.js, typescript, webpack, HTML5, CSS3, SASS, Bootstrap 3/ 4, Jenkins and GIT 2.21.**

**Client: CECity.com (Premier Inc Company)**

**Pittsburgh, PA & Charlotte, NC**   **Oct’2014 - May’2019**

* Design, develop, and unit-test a mission critical web applications and responsive web applications using Angular, AngularJS, React, Knockout.js, Bootstrap, webpack, GULP, C#, VB.Net, ASP.NET WebAPI, MVC3-5, AJAX, jQuery, CSS3, HTML5, RequireJS, validator, Bootstrap 3/4, grid, Flexbox, and SQL Server.
* Create Angular custom directives and develop reusable components and templates that can be used at various places in the application.
* Create AngularJS controllers to maintain each view data and create angular services, directives, and routes.
* Creating add-ons to web applications using client-specific web frameworks.
* Design and develop add-on features to existing applications and bug fixes resulting from change requests
* Responsible for checking Cross Browser Compatibility of different elements and tags hence worked on different browsers like Internet Explorer and Google Chrome.
* Involve in all stages of the software development life cycle like application design, development, debug, and unit testing.
* Involve in sprint planning, sprint review, and retrospective meetings for Estimation, Schedule, and Delivering the applications.
* Interact with the clients to get the functional requirements.
* Participate in brainstorming sessions and key user group interactions.
* Create and configure the users using client-specific web applications and tools.

**Environment: Windows 7-10 .Net 4.0-4.6, .Net Core 2-5.0, ASP.NET, Web API 1.0/2,0, C#, VB.NET, MVC4-5, SQL Server 2008-2016, Angular, AngularJS, jQuery, Knockout.js, RequireJS, node.js, typescript, webpack, HTML5, CSS3, SASS, Flexbox, grid, Font Awesome, Bootstrap 3/4, GULP and TFS.**

**Client: Octo Consulting Group McLean, VA May’2014 - Sep’2014**

* Create high and low-level designs for MVC.net web applications.
* Involve in sprint planning, and sprint review meetings for Estimation, Schedule and Delivering the applications.
* Design, develop and unit-test a mission-critical web-based application using the C#, ASP.NET, AJAX, XML, OOAD, UML, SQL, JavaScript, CSS, HTML, MVC.Net 3.0, 4.0, and SQL Server 2008
* Work as part of an agile development team; take part in sprint planning, estimation, daily standups, stakeholder demos, and sprint retrospectives.
* Work with Business System Analysts, Testers, and Product Owners to create and refine stories.
* Implement new features and bug fixes resulting from change requests and defects from previous releases
* Provide mentoring and technical support to junior members of the team
* Conduct and participate in code reviews, design reviews, and architecture reviews
* Create the stored procedures, and SQL queries using SQL server 2008.
* Creating dynamic UI pages using Knockout.js.
* Creating rich UI pages using JQuery UI and Bootstrap.
* Peer reviews of code and design.

**Environment: Windows 7, MVC3, MVC4, SQL server 2008, jQuery, HTML 5, VB.NET, Knockout.js, CSS3, Bootstrap jQuery UI, and Git.**

**Employer: HP Global soft India Pvt Ltd, Bangalore, India**

**Client: Amgen Thousand Oaks, CA**  **Jan’2012 - May’2014**

**Lead Developer**

* Architect, and create high and low-level designs for the Mobile web and MVC.net web applications.
* Involve in providing unbiased solutions to the usefulness of platforms in the future technological topology surrounding mobility.
* Interact with customers to understand their requirements.
* Interact with the clients to get the functional requirements, translating it into technical requirements and cascading it to the team.
* Design and development of web applications using MVC.Net 3.0, 4.0, WCF Services, SQL Server 2008, oracle 11g, HTML5-based Any Chart, Entity Framework, LINQ, and .Net framework 4.0.
* Design and development of cross-platform and cross-browser web applications using MVC.Net 4.0, jQuery Mobile, SAP Web-services, SQL Server 2008, oracle 11g, HTML5 based AnyChart, Entity Framework, LINQ and .Net framework 4.0.
* Test the application using MS unit testing and Review the code and design.
* As a technical lead, interact with system owners (domain experts, key users who actually use the software) and SMEs (Subject Matter Experts) to gather/refine the use cases.
* Lead the team in brainstorming sessions and key user group interactions.
* Learning new technologies which are out there in the market which are relevant to me and the team.

**Environment:** **Windows, Antenna MCS, MVC4, SQL Server 2008, jQuery mobile, Antenna, MCS, HTML, C#.Net, VB.Net, CSS, Java Springs, WCF, .NET MVC 4 Mobile**

**International Atomic Energy Agency (IAEA)**

**IAEA, Austria**  **Feb’2011 - Dec’2011**

**Lead Developer**

* Involve in Architectural discussions, designing and development of the SSDH applications developed using WCF, WPF, and MS Enterprise libraries 5.0.
* Preparing Estimation, Schedule, and Delivering the applications.
* Interact with the clients to get the functional requirements, translating it into technical requirements and cascading them to the team.
* Design and development of rich desktop applications using C#.NET 4.0, WPF, MVVM,
* Design and development of applications using SOA, RBAC (Role Based Access Control using Keystone and DB Wall), and MS Enterprise Libraries 5.0.
* Used the collaboration tools like TFS 2010 for managing source code across the team to develop, build, and test the applications, plan the projects, and track the work.
* Test the application using MS unit testing.
* Peer reviews of code and design.
* Lead the team in client discussions and help with technical issues

**Environment: Windows 7, C#.NET 4.0, WCF, WPF, SQL Server 2008, MVVM,SOA, RBAC(Role Based Access Control using Keystone and DB Wall) and MS Enterprise Libraries 5.0, TFS 2010, and WWF.**

**HP MediaSmart Server 1.0 to 3.1:**

**Hewlett Packard Feb’2007 - Jan’2011**

**Windows Home Server & Windows Home Server 2, C#.NET, ASP.NET, WCF, WPF, XBAP, Flex 3.0, MSMQ, Net framework 2.0-3.5 core java, Linux and SQLite.**

**Lead Developer**

* Participate in innovation initiatives in MSS feature development.
* Design and development of the MSS feature using WPF, C#.net, SQLite and Windows services.
* Interact with the clients to get the functional requirements.
* Design and development of the new features.
* Generate specifications, design documents, and status reports.
* Lead the team in client discussions and help with technical issues
* Peer reviews for code through the SPRINT tool and QC.
* Design and development of MSS feature using C#, .NET framework 4.0/3.0/2.0, XBAP, WPF, WCF, ASP.Net, and Windows services.
* Design and development of applications using Windows services, multithreading, and Windows home server Add-Ins.
* Back up the MSS server data to the cloud using AWS and MS Azure services.
* Develop client applications for Linux using Java which consumes REST web services.
* Use collaboration tools like SVN, MS Build, and Cruise Control to manage source code and build automation.
* Plan the projects and track the work.
* Test the application using Nunit and code coverage using NCover.

**Claims Processing:**

**Excellus, Hartford and Empire WellPoint**   **Apr’2005 - Jan’2007**

**Senior Developer:**

* Involve in the development of claim processing applications for Excellus, Hartford, and Empire WellPoint using C#.net, Winforms, windows services, Image press tools, and crystal reports.
* Interact with the clients to get the functional requirements.
* Design and develop applications using windows forms, windows services, ImageXpress tools, and Crystal reports.
* Involve in enhancing the core features using Windows services and remoting.
* Writing the trigger, stored procedures, and SQL queries in SQL server 2000.
* Use collaboration tools like Team Coherence.
* Test the application using Nunit and code coverage using NCover.

**Environment: Windows XP, C#.NET, Crystal Reports, Windows Services, SQL Server 2000, ImagXpress 7.0.**

**Toyota Dealer Management System (TDMS) & Technoforte Apps:**

**Toyota Kirloskar Motor and Technoforte Software Pvt. Ltd, Feb’2004 - Apr’2005**

**Developer:**

* Involve in the development of various applications using C#.net, Winforms, MS Access, and crystal reports.
* Enhance the core features using Windows forms.
* Create tables, SQL queries, triggers, and stored procedures.
* Enhance the core features of TDMS using VC++ and Oracle.
* Unit Test the application.
* Use of source control tools like Visual SourceSafe.

**Environment: Windows XP, Windows 2000 Server, VC++, D2k, Oracle 8.0, C#.NET, and MySQL 4.0.**