**Nandkumar Davat**

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**Lead .Net Developer**

**Summary:**

* **Lead/Architect with 15 years of experience in Software Requirement Analysis, Technical Architecture, design, development, unit testing and deployment for different businesses and domains**.
* **MCTS certified (Microsoft Certified Technology Specialist) in .NET framework, Web Applications**.
* **Have strong hands-on expertise in Angular 9, CSS, HTML 5, .NET 4.8, ASP.NET, C#, ADO.NET, MVC, JavaScript, Design patterns and object-oriented analysis and design with programming**.
* Experience as a Web Developer and maintenance of various Web Applications, this includes System Study, Design, Development, deployment, administration, and testing of various web-based applications.
* **Extensive working experience in Oil and Energy, Logistics, Finance, Insurance, Healthcare, E-Learning, Mortgage domains**.
* Expertise in creating SPA, Web Forms, Win Forms, User Controls and Custom Controls.
* Strong analytical and problem-solving skills coupled with a solid understanding of project architecture and application development methodologies.
* Proven ability to coordinate medium sized project from initial conceptualization through implementation.
* Experience working with various software development methodologies including Scrum and Kanban.
* Hands-on experience with Latest SQL Server and Oracle 11g, including ad hoc query development and performance tuning.
* Participate in database design, create stored procedures, identify indexes, simplify, and tune table joins in database components of application.
* Working experience in Database Design, Normalization, Stored Procedures, Triggers, Views and Functions.
* Proficient with repositories like TFS, GitHub, SVN, JIRA, Perforce V4.
* Configure code and artifact repositories with TFS, GitHub, SNV, Perforce.
* **Extensive Technical knowledge of the latest Web Industry concepts like Angular, MVC, jQuery, WCF and REST API.**
* Dynamic team player who is consistently motivated toward success and completion of projects with an ability to work independently.
* **Have 3+ years of Onsite work experience in USA.**
* Collaborate closely with groups in and outside the development team (e.g., QA, Product Owner, Hotfix Team) to achieve high quality, predictable results.
* Worked with clients like Halliburton, Broadridge Financials, FedEx, State Street Corporation, Asurion and Wolters Kluwers.
* Development of UI components using Angular 2 - 7, jQuery, HTML, CSS.
* Extensive knowledge of web technologies like HTML, DHTML, JavaScript, CSS and ActiveX.
* Experienced in understanding and contributing Software Project Life Cycle, Updating / Modifying requirement analysis docs, functional/design specifications, HLD, LLD and Unit Test cases designing
* Mentoring and providing design guidance to team lead, senior, and junior developers.
* Experience in Test Driven Development (TDD) and follow clean coding practice.
* Extensive experience developing APIs following the SOLID, DRY, and YAGNI principles.
* Knowledge of system design and development using OOAD, code review, release management.
* Quick in learning new technologies and adapting in new environment.

**Technical Summary**

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| **Framework** | Microsoft .Net framework 4.7/4.6/4.0/3.5, Entity Framework 6.0 |
| **Languages** | C#, XML, LINQ, TypeScript, JavaScript, HTML5, CSS3 |
| **JavaScript frameworks** | Angular 7, jQuery, jasmine, karma, Protractor, priming, Redux, Material UI |
| **Web platform services/ protocols** | ASP.Net, MVC 5/4/3, IIS, WebApi2, RESTful, SOAP, WCF, node.js. |
| **Database** | SQL Server 2012/08/05/02, Oracle 11g. |
| **Operating Systems** | Windows server 2016/12/08/03 Windows (10/8.1/7) |
| **Development IDE** | Visual Studio 2019/17/15, |
| **Source Control** | GitHub, TFS, Tortoise SVN, Perforce V4, VSS |
| **Tools** | Swagger, Postman, Fiddler, Telerik RAD controls, SoapUI, SQL Profiling. |

**Education & Certification**

**Bachelor of Engineering (Electronics and Telecommunication), from Shivaji University India - 2006**

**CSM - Scrum certified Professional from Scrum Alliance.**

**MCTS Certification (70-515: Web Applications Development with Microsoft .NET Framework 4)**

**NCFM Certification (NSE-NCFM Certification: Financial Markets: A Beginners’ Module)**

**NCFM Certification (NSE-NCFM Certification: Capital Markets: Dealer’s Module)**

**Projects:**

**Client: Halliburton Corp, Houston, TX Mar 2020 – Current**

**Project: Summit Ticket Manager**

**Role: Senior Full Stack Developer**

Intranet Web App to manage Jobs, Tickets and Recurring Services, Quote proposals, to serve Sales and Service Pipeline. Single page Rich UI developed in Angular and NgRx state management.

**Role & Responsibilities:**

* Follow Test Driven Development approach and SOLID Principles.
* Developed User interfaces for Modern Rich Single Page Intranet applications with Angular 7 and ASP.NET Web API.
* Performed product analysis and development tasks of increasingly complex nature which required extensive research and analysis.
* Written tested and documented Typescript, HTML and CSS based applications.
* Participate in design and technical discussions.
* Implementation using Swagger UI for Spot – testing of APIs.
* Follow TFS CI/CD deployment pipeline.
* Have exposure to SAP and Azure Environment.
* Develop Web applications using Angular, C#, ASP.NET Web API, Single Sign-On.
* Implemented Unit Testing framework using MsTest and Moq.

**Technologies**: Microsoft .Net framework 4.8, C#, Visual Studio 2019, ASP.NET MVC 5, Web API, HTML, CSS, JavaScript, Angular 9, JSON, TFS, XML, Oracle 11g, REST, Swagger.

**Client: Broadridge Financials Inc, Brentwood, NY Oct 2019 – Mar 2020**

**Project: MarCom Digital**

**Role: Senior Angular/.Net Api Developer**

MarCom Digital Portal, helps to Enhance the MarCom Master Text product by providing new content management system, reducing Client onboarding timeframe, and integrate new system with existing Master Text applications, also it will have audit/ traceability capabilities for changes, business rules matrix to provide management/tracking across clients, and workflow solution approval for content generation.

**Role & Responsibilities:**

* Designed and developed all Modules using .net, C#, MVC, Web API, and Angular 7 (CLI).
* Designed and developed Stored procedures, Table, and database objects in SQL database 2016.
* Performance tuned the stored procedure for faster retrieval, and code performance improvements
* Worked on UI unit test, release, and deployment of application features to the client.
* Tested Web API through Fiddler, Postman.

**Technologies**: Microsoft .Net framework 4.7, C#, Visual Studio 2019, ASP.NET MVC 5, Web API, HTML, CSS, JavaScript, Angular 7, JSON, Perforce V4, Jira, XML, SQL Server 2016, REST, TeamCity.

**Client: Inspired eLearning, PUNE India Sept 2016 – Oct 2019**

**Project: iLMS (eLearning Web Platform)**

**Role: Technical Lead**

Inspired Learning Management System is eLearning Web platform to deliver eLearning solutions of the absolute highest quality. It has Admin part and Learner part

Admin part used to manage users and upload corresponding courses, also to get reports of user’s vs courses status with scores. Learner login is used by students who are employees of organization to complete mandated eLearning courses.

**Roles & Responsibilities:**

* Analyzed the system requirements and prepared the architecture for the project.
* Understanding of existing project architecture and design standards within the customer environment for all technology areas.
* Applied above knowledge in all new HLD and LLD project designs.
* Designed and Developed eLearning Web Platform using C#, ASP.NET, MVC, Web API, T-SQL.
* Integrated Third party tools like iZenda for Custom Reporting and Rebex FTP tool.
* Developed UI to configure the data Transformation using MVC 5, JavaScript, Entity Framework 5 and Bootstrap and Angular 6.
* Created Database Objects, Stored Procedure in SQL server 2012.
* Successfully migrated Code repository from SVN to Github.
* Automated Unit testing using NUnit and Visual Studio Team System.
* Participated in Scrum Ceremonies like Sprint Planning, Sprint Review, Retrospective and daily standup calls.
* Followed best industry practices while optimizing SQL queries and Performance Tuning.
* Conducted product demos to the operation clients, during the development of project, so that in time feedback cut the exponential effects of end of cycle issues/changes.
* Designed and Developed UI Applications using MVC6, Entity Framework, ASP.NET
* Designed and Developed Middleware using C# and Web API.
* Designed and Developed Database objects like Stored Procedure, Tables, Functions, Triggers and Views and complex SQL DML.
* Worked on deployment of application features to the client and handled production issues.
* Lead the ongoing software development, design, build, unit testing and deployment activities.
* Actively participated in client meetings and suggested architectural improvements.
* Established and followed best coding practices using FXCorp and lint.
* Used Resharper suggestions for code refactoring and possible potential bug fixes.
* Improved project architecture by introducing variety of design patterns like Decorator pattern, Adapter Pattern, Singleton Pattern.
* Experience with Visual Studio for development, testing, debugging and deploying applications.

**Technologies**: Microsoft .Net framework 4.6, .Net Core, Visual Studio 2017, C#, Windows Service, Entity Framework 6, ASP.NET MVC 5, JQuery, Bootstrap, JSON, SVN, Github, JIRA, XML, SQL Server 2012.

**Client: FedEx Memphis, TN Mar 2016 – Sep 2016**

**Project: Rate Simulator**

**Role: Technical Lead**

RateSim is an abbreviation for Rate Simulation Tool. It is a WebApp /web-based tool which helps sales team to estimate comparative charges for multiple business needs using shipment data and net rate sheets for Express, Ground, and/or Home Delivery.

**Roles & Responsibilities:**

* Development of UI components using jQuery, ASP.NET, HTML, CSS
* Created database design and written stored procedure, triggers, functions, identify indexes.
* Involved in SQL performance tuning and optimization.
* Code configuration and artifacts repositories with Tortoise SVN.
* Unit testing the application.
* Onsite coordinator for Offshore development team.

**Technologies:** Microsoft Visual Studio 2015, .Net framework 4.0, VB.NET, ASP.Net, JSON, REST, SQL Server 2012

**Client: State Street Corporation – Lee Summit, MO Jul 2015 – Mar 2016**

**Project: Alpha Frontier**

**Role: Technical Lead**

State Street Corporation is an American worldwide financial service holding company. State Street provides financial services to major institutional investors all over the world, including investment management, investment research and trading, and investment servicing. Alpha frontier Back office application to investors and brokers to maintain client portfolios and trade cycle processing.

**Roles & Responsibilities:**

* Conducted a requirement study for the enhancements; designed the system and developed & deployed the changes to the production environment
* Followed Test Driven Development and SOLID principle practice.
* Utilized Tortoise SVN for Version control and SQL profiler for T-SQL queries optimization and study execution plan.
* Design and development of UI and Middleware using ASP.NET, jQuery, WEBAPI and C#.
* Coordinated with onsite and offshore teams and globally located teams.

**Technologies:** Microsoft .NET 4.0, Visual Studio 2015, C#, WebAPI, ASP.NET, jQuery, SQL Server 2012, ADO.NET.

**Client: Wolters Kluwer CT Corporation NYC Feb 2015 - Jul 2015**

**Project: CT-SMB**

**Role: Lead Developer**

CT Corporation is the leader in registered agent, incorporation, corporate business compliance services and offers solutions for managing transactions, entities, and service of process. CT Corporation offers services like Registered Agent, Incorporation, Entity Management and Compliance Services through web portal and Customer service centers.

**Function & Responsibilities:**

* Designed and Developed business components and UI components in C# and ASP.NET.
* Design and Development of T-SQL database objects and scripts.
* T-SQL script optimization, performance monitoring and study execution plan.
* Used TFS for sprint board, Bug logging and Version control.

**Technologies**: Microsoft .Net 3.5, SQL Server 2012, C#, WCF, JavaScript, XML, CSS, Visual Studio.NET 2013, TFS

**Client: Wolters Kluwer Health (India) May 2013 – Feb 2015**

**Project: Electronic Journal Processing (EJP)**

**Role: Lead Developer**

EJP provides access to online academic journals for societies in health care domain. EJP platform is Online Healthcare Content Management System. This platform is equipped with a wide range of customizable features from article collections to advertising programs, ensures all journals can meet all need of its target audience. EJP platform provides means to search and explore research material in form of journals and magazines from nearly 300 journals in medicine, healthcare, nursing for medical specialists. EJP pages presented in PDF format, with searchable headers and abstracts. User can subscribe journals / magazine to get full content.

**Roles & Responsibilities:**

* Participated KT session of this existing project from another vender and successfully executed setup in our environment.
* Independently designed & developed a core module using SQL server and Windows Communication Foundation (WCF)
* Designed, developed and deployed the database objects for the entire project.
* Conducted unit tests and tested the system
* Designed and developed UI component in ASP.NET, jQuery, HTML, CSS.

**Technologies**: Microsoft .Net framework 3.5, ASP.Net, JavaScript, Visual Studio 2013, WCF, SQL 2008

**Client: SAXON (India) Oct 2011 – May 2013**

**Project: Inside SAXON**

**Role: Lead Developer**

Saxon was a wholly owned subsidiary of Morgan Stanley. They were residential mortgage servicer. It provides service related to home loans and manage loan payments and transactions of thousands of customers across US. Inside SAXON, intranet site to manage customer’s home loan accounts process it and maintain records and generate loan reports.

**Roles & Responsibilities:**

* Analyzed and participated in full lifecycle of project: Design, development, unit testing, Bug fixes and Live support.
* Independently designed and developed UI and Business layer components in ASP.NET, WCF and C#.
* Designed & developed new database objects such as Stored Procedure, tables, views.
* Deployed the code changes in staging & production environment; successfully managed the production critical issues

**Technologies**: Microsoft .net 3.5, SQL Server 2008, C#, ASP.net, XML, XSLT, WCF.

**Client: CS-STARS (India) May 2010 – Oct 2011**

**Project: Claims Admin**

**Role: Lead Developer**

Deals with insurance product with Employer claim handling facilities such as Creating Claims, Creating Claim Transactions, and processing/ generating Transaction Summary Report.

**Roles & Responsibilities:**

* Design and Development of UI component in ASP.NET, jQuery.
* Development of Business component in C#.
* Designed & developed new database objects such as Stored Procedure, tables, views.
* Participate in application testing on Staging and UAT testing; provide support on Live issues.

**Technologies**: Microsoft .net 3.5, SQL Server 2008, C#, ASP.net, XML, ADO.NET.

**Client: Bank of America (India) Dec 2009 – May 2010**

**Project: Online Wealth Management**

**Role: Lead Developer**

Deals with insurance product with Employer claim handling facilities such as Creating Claims, Creating Claim Transactions, and processing/ generating Transaction Summary Report.

**Roles & Responsibilities:**

* Design and Development of UI component in ASP.NET, jQuery.
* Development of Business component in C#.
* Development of T-SQL objects like Stored Procedure, triggers functions.
* Application Deployment on QA, Staging environment, Live support.

**Technologies**: Microsoft .net 3.5, SQL Server 2008, C#, ASP.net, XML, ADO.NET.

**Client: NSE.IT (India) July 2006 – Dec 2009**

**Project: ICR Compass**

**Role: Junior Developer**

India Capital Research is a financial research organization which does an extensive amount of research on financial instruments in Indian Equity Market. Compass specially designed and developed for study of Company/Industry Analysis, comparison and rating of BSE listed companies.

**Roles & Responsibilities:**

* Development of Business component in C#.
* Design and Development of UI component in ASP.NET, jQuery.
* Application Deployment on QA, Staging environment, Live support.
* Development of T-SQL objects like Stored Procedure, triggers, functions.

**Technologies**: Microsoft .net 2.0, SQL Server 2005, C#, ASP.NET, XML, ADO.NET.