# Ajay Kelkar

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## Career Objective

Looking for challenging position which takes my expertise to next level to work on latest stuff like Kubernetes,Dockers,DevOps and stuff like OpenAI.

## Technical Expertise

- **Experience in developing Microservices** on **docker containers and Azure Kubernetes AKS**
- **ASP.NET Microservices on Azure DevOps , Angular 11 front end , Azure CI/CD, various azure services. Azure App Service, Azure Functions, Azure AppInsights**
- **12** years of IT experience in Microsoft stack development of designing, developing and implementing **Web** applications and **backend services** using Microsoft .NET Technologies.
- Extensive knowledge and experience in designing, developing, and testing of Business/Commercial Applications using **Visual Studio .NET 2022 ,.NET Core 6 ,ASP.NET ,Angular ,Typescript ,Azure Cloud** and **SQL Server 2012 and NoSql**
- Deep understanding of **WCF** framework and used rigorously for backend services.
- Very strong in **ASP.NET MVC/REST API** and its internals and extensibility.
- Very good at third part integrations like CRM integration, Twillo API, SMS API's and Facebook API.
- Strong experience in RDBMS using **MS Sql server (2012/2008/2005)**, and writing **T-SQLs**, Stored Procedures, Function, View, Triggers etc.
- Experienced in various data technologies like **ADO.Net Entity Framework, ADO.NET** objects such as **Data Adapter, Dataset,** and **Data Reader** to interact with databases, **LINQ2SQL.**
- Strong at Object **Oriented Programming** (OOP) concepts and **design patterns** (**Singleton, Factory, Strategy, Chain of Responsibility, Dependency Injection**).
- Sound knowledge of **S.O.L.I.D** principles
- Experience in working with Source controls like **TFS, SVN.GitHub,BitBucket**
- Excellent interpersonal skills and active listener.

## Languages & Tools

| Programming Language | C# , Typescript , Javascript |
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| Client Side Technologies | Angular ,jQuery,Knockoutjs,ReactJS JSON,AJAX ,HTML, Javascript, CSS, Bootstrap, |
| Server Side Technologies | .Net Core ,ASP.NET Core, MVC, Web Api, WCF,XML Web service, SignalR, MSMQ,RabbitMQ |
| Development Environment | Microsoft Visual Studio 2022.Vs Code, Sql server management studio, Sql Profiler |
| Database & Backend | SQL Server 2020/2008 ,MongoDB |
| Data Access components | Entity Framework Core, ADO .net,  LINQ2SQL, NHibernate |
| Known Frameworks | Enterprise Library , Unity, NInject ,Moq, NUnit, SignalR |
| Version Control | TFS ,SVN,GitHub,BitBukcet |
| Web Servers | IIS 6/7/7.5 |

# Professional Experience

**Scorg International. Pune**                                    **December 2023 – Present**
**Lead Software Engineer**

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| **Project Title:** | HMIS- Hospital Management |
| **Description:** | Adding new features to product and testing. Modifying apis layer and asp.net mvc ui and db scripts. |
| **Environment:** | .Net Core , Web API, asp.net mvc,Visual Studio 2022, Vs Code, Sql Server , SVN. |

**Globant. Pune**                                            **May 2022 – Feb 2023**
**Senior Software Engineer**

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| **Project Title:** | EnY TOCC |
| **Description:** | TOCC project is set of .net core micro-services deployed on azure devops , services fetch statistical data from various sql databases. Services are authenticated with OAuTH bearer tokens. |
| | Angular 11 front end calls micro-services to display statisstical data. |
| **Environment:** | C# ,.NET Core 6 Angular 11, ,Ent[ty Framework, Azure DevOps CI/CD ,WEB API, Micrpservices ,Sql Server, IdentityServer , Auth0 |

**Wolters Kluwer, Pune**                                        **22 March 21– `6 July 2021**
**Senior Software Engineer**

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| **Project Title:** | eJP |
| **Description:** | Electronic Medical Journals Content management system inSharepoint |
| **Environment:** | Visual Studio ,Sharepoint. C#, ASP.NET Web Forms, Sql Server |

**GSLAB Pvt Ltd. Pune**                                        **June 2018 – July 2020**

**Lead Software Engineer**

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| **Project Title:** | VEE24 |
| **Description:** | Vee24 is web customer support software with live chat , screen sharing ,co-browsing. |
| **Responsibilities:** | Integrate third party calendar services Acuity and Calendly usingAzure Functions. Development of Salesforce Vee24 app using SignalR backend chat service and salesforce lightning sdk. |
| **Environment:** | Visual Studio , C# , WCF ,JSON, XML. |

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| **Project Title:** | Avaya ACM |
| **Description:** | ACM - Access Control Manager is set of asp.net mvc web apps and services which interact with Avaya CM (linux sever) using telenetprotocol to configure telecom applications. |
| **Responsibilities:** | Fix bugs in ASP.NET MVC apps and WCF services. Identify and fix security vulnerability using OWASP tool. |
| **Environment:** | Visual Studio , C# |

## Xoriant Solutions Pvt Ltd. Pune                    May 2017 – May 2018
**Senior Software Engineer**

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| **Project Title:** | EllieMae _ EVP Integration |
| **Description:** | EVP is WCF service based credit vendor integration platform which exposes JSON api endpoints which enables integration of vendors like CoreLogic, Credco ,Equifax in EllieMae web applications. EVP has set of request/response xml schemas for each type of vendor which is then converted into vendor specific xml request and response |
| **Responsibilities:** | • Writing WCF services and implementing middle layer components.<br>• Use SOAP UI for unit testing the APIs.<br>• Participate in Sprint planning and estimation meetings |
| **Environment:** | Visual Studio , C# , WCF ,JSON, XML., SAOP UI |

## Winshuttle India Pvt Ltd, Hyderabad                    Oct 2013 – April 2016

**Senior Software Design Engineer**

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| **Project Title:** | Connect – License Management System |
| **Description:** | Connect is license management platform which is used by all Winshuttle products for license management, order processing and user management. Connect is built on SharePoint site which talks to set of WCF services. Connect. Connect also has on-premise version. |
| **Responsibilities:** | <ul><li>Designing application components making use of design pattern like Singleton</li><li>Repository, Chain of Responsibility. Publish/Subscribe.</li><li>Develop new product features using C#, ASP.NET MVC, WCF. NHibernate and Sql Server</li><li>Used SignalR with MVC to have client side data refresh without page load.</li><li>Debugging product code base and fixing bugs reported by support and escalation teams</li><li>Undertaking code rewrites and design and security improvements in legacy code.</li><li>Performance optimization and benchmarking of legacy code</li><li>Harness latest client side technologies like jOuery. KnockoutJS, Bootstrap Framework .</li><li>Implement complex business logic in database stored procedures.</li><li>Developing Windows Service using C# which executes tasks asynchronously.</li><li>Using SVN (Subversion) code repository and Team City for builds.</li><li>Active participation in Sprint planning meetings for work breakdown and estimations</li><li>Adhering to Agile Software Development process by using tools like JIRA.</li><li>Working with Product Management to understand requirements of new features.</li><li>Collaborate with other teams in case of integration tasks.</li><li>Work with Quality Assurance team for fixing defects in application.</li><li>Undertaking deployments on staging and production servers</li><li>Doing Code Reviews and ensuring code quality using tools like FxCop ,StyleCop.</li></ul> |
| **Environment:** | C# , WCF, ASP.NET WEB API, NHibernate, KnockoutJS, RabbitMQ, , SignalR, JQuery, Bootstrap ,Visual Studio, SVN. |

**Monocept Consulting Pvt Ltd, Hyderabad**          **Aug 2012 – Sept 2013**
**Senior Software Design Engineer**

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| **Project Title:** | **Ratings and Review API** |
| **Description:** | Ratings and reviews is project which aims to provide scalable plus |

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| | fraud resilient solution to build a rating submission which can withstand the given load. |
| **Responsibilities:** | • Work breakdown and task estimation of each Iteration.<br>• Creating 3-tier application design making use of design principles and guidelines.<br>• Creating UML Diagrams and Flow Diagrams and Architecture diagrams to represent application design.<br>• Writing high performance APIs to support business needs using WCF and MSMQ (Microsoft Message Queuing) service using disconnected architecture.<br>• Developed REST API using MVC Web API 2.0 for user ratings and reviews.<br>• Implemented Facebook and Google SSO (Single Sign On) in ASP.NET MVC 4.0<br>• Load testing of APIs and performance benchmarking.<br>• Tuning application performance by optimizing code and SQL queries.<br>• Writing unit test Cases using Moq framework and Visual Studio.<br>• Implemented Inversion of Control (IOC) in MVC using NInject framework.<br>• Setting up builds and gated check-ins Team Foundation Server 2012<br>• Deployment automation using Powershell 2.0.<br>• Doing Code Reviews and ensuring code quality using tools like: FxCop ,StyleCop.<br>• Implemented Data tier of the REST API using Entity Framework 4.0.<br>• Creating database design to fit the requirements and writing stored procedures, user defined functions and triggers |
| **Environment:** | WCF REST API, MS SQL Server 2008, C# .NET, VS 2010, TFS |

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| **Microsoft Global Delivery India, Hyderabad**<br>Associate Consultant | **Dec 2010 – Aug 2012** |

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| **Project Title:** | Gemini Sirius |
| **Description:** | Lilly Gemini is a large program for one of the world&#39;s leading Pharmaceutical brands. The Gemini Program is conceived to provide for Molecule Research partners for the customer and reduce costs on the drug lifecycle development process. Gemini produces such business results via Sirius platform. |

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| **Responsibilities:** | <ul><li>Developing application front end using ASP.NET 3.5 and C# 3.5</li><li>Integrating Dynamics CRM 2011 with WCF services.</li><li>Integrating SharePoint 2010 SDK with ASP.NET website.</li><li>Implemented custom authentication using Active Directory.</li><li>Creating Database Schema, Stored Procedures, User Defined Functions and Triggers on SQL Server 2008.</li><li>Implemented Inversion of Control (IOC) and Dependency Injection (DI) pattern using Microsoft Unity Framework and Microsoft Managed Extensibility Framework (MEF).</li><li>Writing Unit Test Cases using NUnit and Pex and Moles framework.</li><li>Gated check-ins using Team Foundation Server 2010 and 2012</li><li>Delivering weekly builds using TFS 2008 and deployment on test servers</li></ul> |
| **Environment:** | ASP.NET 3.5, Active Directory, WCF, Dynamic CRM ,Sharepoint , VS 2008, TFS. |

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| **Project Title:** | MCPS (Montgomery Country Public School) Portal |
| **Description:** | The school system has standardized on Microsoft Active Directory for Student and Staff network and application authentication. Project makes use Forefront Identity Manager 2010 provides an opportunity. |
| **Responsibilities:** | <ul><li>Integrated ASP.NET web portal and FIM (Forefront Identity Manager)</li><li>Wrote PowerShell script to sync users from Sql Server into FIM.</li><li>Implemented Active Directory user import.</li><li>Gated check-ins using Team Foundation Server 2010 and 2012</li><li>Delivering weekly builds using TFS 2008 and deployment.</li></ul> |
| **Environment:** | Microsoft FIM, PowerShell  2.0, ASP.NET 2.0, VS 2010, TFS |

## Symphony Services, Pune                              Feb 2010 – Sep 2010
**Software Engineer**

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| **Project Title:** | Cloud Management System |
| **Description:** | The cloud management system allows users to create backup servers in the cloud, restore data from backup servers to production servers. The Amazon EC2 is used as cloud provider |

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| **Responsibilities:** | • Understanding the requirements and creating logical designs UML diagrams, Flow diagrams.<br>• Developing application front end using ASP.NET 2.0 and JavaScript and HTML, CSS.<br>• Developing middle layer using WCF and ASMX services.<br>• Developing custom workflows using Windows Workflow Foundation.<br>• Integrating Amazon EC2 cloud service with application using AWS .NET SDK.<br>• Writing application data access layer using NHibernate framework and Sql Server 2008.<br>• Writing Stored Procedures and User Defined Functions in Sql Server 2008.<br>• Unit testing using NUnit framework and Visual Studio Unit test framework.<br>• Delivering weekly builds using Team Foundation Server 2008 and deployment on test servers.<br>• Contributing to Sprint planning meetings and task estimation.<br>• Giving product feature demos to clients and gathering feed-back |
| **Environment:** | ASP.NET 2.0, Amazon EC2 web service, WWF ,VS 2008, TFS. |

## Eclipsys (AllScripts), Pune                                      Aug 2008 – Dec 2009
**Associate Software Engineer**

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| **Project Title:** | Hospital Revenue Cycle Management |
| **Description**: | Project aims at developing Hospital Revenue Cycle system consisting of patient Registration, Capturing of Charges for different services, Generation of transactions & Patient Billing. All the features are exposed as WCF Services. |
| **Environment:** | ASP.NET 2.0, Amazon EC2 web service, WWF ,VS 2008, TFS. |

**Educational Qualification**
• Bachelor of Engineering (Computer Science & Engineering), Sant Gadge Baba Amravati University, 2008.