## Sandeep Kamath

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**Summary:**

* Over 15 Yearsof proven expertise in Design and Development of Complex & Critical Software Products.
* Expertise in C, C++, C#, WPF, WCF, ASP.NET MVC, Angular, MFC, COM, XML, .Net Framework.
* Complete Project Life Cycle Experience (SDLC)
* Experience with Agile Methodologies, Scrum, UML.

**Technical Skill set:**

Languages C, C++, C#. Javascript, Jquery, Angular, TypeScript

Frameworks / API WCF, Web Services, STL, WMI, ADSI, Cryptography, LDAP, MAPI.

GUI WPF, WinForms, ASP.Net MVC, MFC.

Component Technology COM, DCOM with ATL and C++.

Database Technologies ADO.Net, ADO, OLEDB, ODBC, Entity Framework, NHibernate.

OO Modeling / Practices Design Patterns, XP, Agile, SCRUM, UML.

Databases SQL Server.

Operating Systems All Windows Platforms.

Installations Visual Studio Installer projects, TFS, Github.

Others MS Active Directory, VMWare, Azure, Redis Cache, Hangfire, Application Insights, KQL Query for performance, SSIS, SSRS.

### EXPERIENCE

**AVM PVT Ltd (Senior Developer)(January 2021 – April 2025)**

Design and develop software solutions to manage client investments in stocks, bonds and other Market Securities in Mutual funds develop software processes to interact with Prime Brokers, Bloomberg data services, ESG and Vendors.

Technology used .Net Core, Win forms, Web Client using Angular Reactive\Template forms, typescript and ASP.NET Web API, Scheduled Windows Tasks, Services, SSIS, SSRS, API development, SQL, GIT, Playwright, Chrome Driver etc.

**Campus Management (Senior Developer)(March 2015 – September 2020)**

Design and develop web based solutions to port existing Visual Basic for student processes, forms, workflows in Academics, Financial Aid, Student services deployment primarily to Microsoft Azure.

Technology used ASP.net MVC, Javascript, typescript, Angular, WCF, SQL Server, Entity Framework, Angular.Azure technologies used were Redis Cache, Hangfire for asynchronous processing, Azure Application Insights for Application monitoring.

**QOLOGY Direct (Application Development October 2013 to March 2015)**

Design and develop Web Applications to consume web services from TV\Internet\Telephone Providers like Dish Network, Verizon, Earthlink, Comcast, AT@T, to resell their services and products. Technology used ASP.net MVC, Javascript, Jquery, WCF, SQL Server, Entity Framework.

**Dell (Research and Development), formerly Quest Software \ Scriptlogic, Boca Raton, Florida (July 2004 – July 2013)**

Desktop Authority, the leading desktop management platform for Windows-based networks, this framework enables administrators to proactively secure, manage, support and inventory desktops and applications from a central location. Desktop Authority centralizes control over desktop configurations, combining the functionality of logon scripting, group policies, user profiles and computer profiles into one comprehensive solution. The administrator configures custom settings on windows desktops like Firewall, Power Management, Group policy, Outlook, Software deployment, patching etc.

**Role:** Senior Software Developer.

**Skills:** WPF, WCF, ASP.NET, Winforms, C#, ADO.Net, XML, SQL Server, ATL COM/DCOM, MFC, WMI, Active Directory, Multithreaded Apps, MFC, TFS, VMWare etc**.**

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* Designed and developed a WPF\WCF\SQLLite application hosted in a windows service for running automated and scheduled builds of product, the WCF application is multithreaded to run simultaneous builds, checking out files from TFS, keeping track of user changesets in builds, email build results with changesset details and track user history. The configuration of the application was done using WPF.
* Developed modules for managing local and domain groups and users on a domain based network. This involved adding and removing users from Local and Domain Groups and accounts, changing local account passwords, cleaning up unused account profiles from local workstations on a schedule using C# and WMI Queries.
* Developed a service based thread pool component to log workstation information to the database. This would update user session, workstation session, workstation configuration, Software deployment, patch and other information to the database. Client information would be collected in XML files which were parsed and transformed to a SQL database.
* Developed Management console for workstation configuration using ASP.NET.
* Designed and developed a module for setting Group Policy settings on local workstations. This involved writing a parser\compiler for ADM files (propriety Microsoft files) for group policies and later a XML based parser for ADMX files for setting group policies on client workstations.
* Developed ATL based COM components to set Firewall and Power Management settings on client computers.
* Designed and developed a software deployment module to deploy MSI installations across domain computers.
* Designed and developed an ATL COM based interface for MAPI based outlook to automatically set outlook settings based on currently logged in user across domain computers. This included setting outlook profiles adding outlook files like PST PAB, junk email settings, RPC over HTTP configuration etc.
* Developed a .NET object module in C# exposed as a COM callable wrapper to MFC Client application.
* Developed a multithreaded MFC Document\View based application to assign Login Scripts to users based on OU, Group or Domain membership.

**Senior Software Engineer GE Security, Boca Raton, Florida (July 2002 - July 2004)**

Secure Perfect was access control MFC application. Experience in this job required communicating with card readers, CCTV cameras etc.

* Developed secure data using TDES .net classes to communicate with GE Alarm monitoring device.
* Licensing scheme for the application using ASP.net and C#.
* Support for replicated SQL Server using MFC data access classes.

# EDUCATION

* Masters in Computer Engineering, Florida Atlantic University, Boca Raton, FL.
* Bachelor of Engineering, Walchand Institute of Technology, India.