# Venky Adabala

# Employer details

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# Summary:

* 18+ years of experience in USA in the field of software design, development & implementation of n-Tier Web, Distributed, Mobile and Desktop Applications using Microsoft Technologies in the domains of Manufacturing, Human Resources, Corporate Quality, Finance and Health Care.
* Expertise in all stages of SDLC (Software Development Life Cycle).
* Worked on all versions of Visual Studio including MVC and .net core Web API.
* Knowledge on Safe Agile, Design patterns and measuring tools like Rally, Aha!
* Developed Mobile apps using Windows OS, Xamarin Studio, IOS, jQuery, MVVM, Kendo UI, KnockoutJS, Nodejs Angular, SAP Unwired platform.
* Worked on Microservices, Web/Rest API, Web Services (SOAP), Pendo and dotCover – Code Coverage
* Expertise in developing integrated applications using ASP.NET, Win-Forms, VB.NET, C#, WPF, ADO.Net, ADO, VB, ASP, XML and XSLT.
* Working experience in SQL-Server, MySQL, DB2, Oracle (T-SQL, PL/SQL) database design, development, Views, Stored Procedures, triggers, SQL Functions, Database Backup/ Recovery.
* Knowledge on Azure/AWS cloud services deployment for cross platforms/devices.
* Proficiency in ASP.Net, Enterprise Library, (Language Integrated Query) LINQ, KendoUI, Oracle Data Access Components (ODAC), Expression Blend, VB Script, Java Script, PowerShell, KnockoutJS, XML, AJAX, jQuery, jQueryUI, XAML, and HTML5.
* Expertise in migrating JAVA, VB 6.0, Classic ASP applications into latest versions of ASP.NET
* Knowledge on security practices supporting tools like Identity Server, single Sign On, AniXSS
* Worked as Source Control Admin for wide range of web\windows-based applications, used tools like Bitbucket, Azure Service Fabric, Team City/TFS/VSS/GitHub/SVS/PVCS for Source Controlling/automated build/deployments.
* Involved in Unit testing, Peer testing and Integration testing of system interfaces and used N-unit, PEX, Moles and Mercury Quality Center.
* Writing Software Requirement Specifications & Test cases, Object Oriented Analysis and Design using UML with Microsoft Visio and project estimations using function points.
* Hands on experience on Angular and Nodejs over web sockets.
* Worked in WCF, WPF frameworks and used internally as part of project tasks.
* Developed SharePoint out of the box/custom workflows and Client based object models (CSOM) to manage/maintain data and related dependency flow.
* Worked with ETL tools like SSIS, Informatica for data migration.
* Involved in developing Messaging queue techniques for multi-threading environments.
* Hand on experience in Developing UI/UX responsive design for Web/Mobile platforms.
* Knowledge in multimedia tools such as Front-page, Flash, Adobe Photoshop and Dream Weaver.
* Experienced in ecommerce CMS tools like Telerik Sitefinity which will increase the global reach with mobile experience and manage product catalogs.
* Used DotNetNuke CMS utility to support some personnel/social/Non-profit organizations websites charity development work.
* Hands on development experience with SSRS reporting services with Graphical Views.
* Worked with Silverlight and WPF to support rich UI apps for low volume usage.
* Expertise in Bootstrap, customizing CSS, Themes and Skins to set styles on ASP.NET/Java pages.
* Worked in .Net Third Party tools like Rap tier, Subsonic, ROBO Help, Telerik Controls, Kendo UI, Nuget packages, RDLC and Crystal Reports.
* Worked on Share Point Portal Server and Share Point Designer including Info Path
* Worked on Load balanced/Failover environment troubleshooting techniques.
* Excellent communication skills, the ability to work effectively in team collaborations, offshore coordination, and analytical problem-solving skills.
* Hands on ML/Gen AI, Pendo and dotCover tools

# Skill set:

**Databases:** AWS Dynamo DB, Mongo DB, SQL Server, Oracle (PL/SQL), MySql, DB2, MS-Access.

**Languages:** VB.Net, C#, Objective C, VB 6.0, C++, Java, UNIX Shell Programming

**Web Development:** Asp.Net, MVC, SOAP/WCF/Web Api/Restful Web Services, Microservices Mobile Development, MVVM, Classic ASP, CSS, Bootstrap framework, SharePoint designer, Info Path

**Markup Languages:** HTML 5, HTML, DHTML, XML, XAML

**Ecommerce CMS Tools:** Telerik Sitefinity, DotNetNuke

**GUI:** UI/UX Wire framing tools, Microsoft Visual Studio, Microsoft Visual Basic 6.0, Silverlight, Expression Blend, Xamarin Studio

**Multimedia:** Flash, Swish, Adobe Photoshop, Coral Draw, Dream Weaver 4.0.

**Security:** Identity Management, Single Sign-on, AntiXSS, SSO (Single Sign-On), Azure AD, OAuth

**Networking Skills:** Linux Administration, UNIX (Sun Solaris) Administration, CCNA

**Reporting Tools:** Crystal Reports, RDLC, SSIS, SSRS

**Scripting Languages:** JQuery, Java/VB Script, Ajax, PowerShell, Angular, KnockoutJS, node JS

**Third party Tools:** ML / GenAI, CoPilot, dotCover, Pendo, Azure Service Fabric, LINQ to Entity/SQL, Rally, Appium, Aha!, Agile JIRA, jQueryUI, SAP Unwired Mobile Development, Rap Tier Generator (Data Layer), Subsonic, Telerik Controls, KendoUI, Enterprise Library, Entity Framework, Visual Source Safe, Team Foundation Server, BitBucket, GitHub, SVS, PVCS, MSMQ, SQL Developer, Toad, Team City, N-Unit, Xunit, Mocks, Robo Office X5 for help files, Share point designer/Custom workflows/CSOM, Mercury Quality Center and Function points.

# Work Experience:

* **FAST: Sr. Software Engineer II, First American, Morrisville, NC, USA (Dec 2021–Present)**

FAST is a web-based Title provider/Mortgage lender service provider application.

**Environment:** .Net Core (C#), Windows/Web Services, SQL, Azure Dev Ops, dot Cover, Pendo, ML/Gen AI, AWS, CoPilot

# Responsibilities:

* + Development/Enhancements and related interface updates to support Application and User services.
  + Work on POCs to enhance and measure the coverage of the FAST application using dot Cover.
  + Implemented user analytics and integrated along with customizations using Pendo.
  + Explored ML / Gen AI tools to incorporate them as part of modernized effort.
  + Sync-up with team on client/sprint deliverables.
  + Co-ordinate with business on sprint goals and features
  + Handshake and mentor team to make sure the coding standards are met.
  + Organize sprint level demo, deployments and create workflow documentations.
  + Support the deployments and take part in triage calls.
  + On-site/Off-shore team co-ordinations related to project in an agile pipeline.

# AuthLite/CyberArk/Claims:Dev Lead, AdvantaSure, Morrisville, NC, USA(Mar 2020–Nov 2021)

AuthLite and CyberArk is a security enhancement project that provides Web API for user management operations along with internal Key vault service to secure/store passwords. Using OpenID Connect and Windows AD groups the service will provide complete authentication and authorization services to the clients by generating secure tokens.

**Environment**: .Net Core (C#), MVC, Key Vault, Oracle, SQL, TFS, Jira, Confluence, Azure Cloud, Jenkins CI/CD

# Enterprise Config Portal: Sr. Full stack Engineer, Hill-Rom, Cary, NC, USA (Jul 19–Mar 20)

ECP is software component within the Zenith system, which provides ability to define an Enterprise hierarchy, configure EMR/Voalte connections for an entity, integrate with Azure REST API microservices like Mirth, Key Vault and Allscripts unity and Tenant catalog. ECP will automatically deploy the device configurations and reduce the manual effort in setting up the vital devices.

**Environment**: .Net Core (C#), Angular 8, Azure Service Fabric, Azure Key Vault, Cosmo DB, SQL, Selenium for automation, Bitbucket, Jira, Jama cloud

# Pearson Content Platform: Sr. Technical Lead, Pearson, Durham, NC, USA (Aug 18 – Jul 19)

Pearson’s Content platform is a digital content publishing and assessment service provider for schools and corporates. Content will be authored in cypress UI and published to desired content platforms. The application is hosted in AWS Cloud and uses AWS micro services (Lambda) written in .Net and Java to manage the publishing flow. Content related APIs are developed and automated to support/validate the publish flow.

**Environment**: .Net Core, Angular4, AWS Microservices, DynamoDB, MongoDB, Bitbucket, Postman, Github

# K4Community Universal App: Sr. Mobile Engg, K4Connect, Raleigh, NC, USA (Oct 17–Aug 18)

K4Community is a Mobile application which is designed to make senior living community residents stay connected and independent, while making life simpler, healthier and happier. It also enables exceptional care and operational excellence.

**Environment**: Visual Studio 2017 for Mac, Xamarin Studio, .Net Core Web API, C#, SQL, Nodejs, Angular,

.Net Framework 4.6, jQuery, Bootstrap, Microservices, Identity Services, Entity framework 6.0, GitHub, Appium, Xunit, Mocks, Source Tree, Dapulse, Bitbucket, Aha! JSON-RPC, Google Docs, AWS Cloud Services.

# COA (Certificate of Analysis) Automation: Sr. Software Engg, Bayer, Morrisville, NC, USA (Aug 2017 – Oct 2017)

Crop Analytical Certificate of Analysis Automation (COAA) is a web-based application which helps Lab Managers to translate the seeds results between requested and lab targets along with COA report generation process in word/pdf format. COA application also provides an UI for Purity/Impurity estimation calculation with embedded excel based formulas.

**Environment:** Visual Studio 2015, MVC 5.0, C#, SQL, XML, .Net Framework 4.6, WCF Service, JQuery, Web API, Bootstrap, Entity framework 6.0, SSIS, SSRS, IIS, Share point 2013, Visio, TFS

# Pharmacy Bids and Rebate Management: Sr. Software Engg, Publix, Lakeland, FL, USA (Apr 2017 – Aug 2017)

Pharmacy Bids and Rebate Management is a system to calculate, collect and account for rebates related to pharmacy purchases. This system accurately tracks rebate accruals which are sent to the retail stores and posted in the general ledger by the accounts receivable department. This system addresses Direct/Indirect/Incentive type pharmacy purchase rebates. It is designed to expand its functionality across Azure cloud/Mobile platforms besides web/windows environments.

**Environment**: Visual Studio 2015, MVC, MVVM, C#, SQL, DB2, AngularJS, WPF, PowerShell, .Net Framework 4.6, WCF Service, JQuery, Xamarin Studio, Web API, Bootstrap, Entity framework 6.0, SSIS, SSRS, Telerik Sitefinity, Kendo UI, IIS 7.5, Share point 2013, Visio, TFS, GitHub

# Paragon Clinical Hub: Software Engineer, McKesson, Charlotte, NC, USA (Jul 2016 – Mar 2017)

The Paragon Clinical hub is a Thin-Client Web Application. PCH allows physicians to access patient information. The functions are classified into several major areas including Security, Census list, patient profile, patient dashboard, flowsheet, scheduling and integration to other Paragon or McKesson products.

**Environment**: Visual Studio 2015, MVC, MVVM, SAAS, C#, VB.Net, Oracle (PL/SQL), SQL, Windows, .Net Framework 4.6, WCF Service, JQueryUI, Angular, Restful Services, SSO, Bootstrap CSS, PowerShell, Entity framework 6.0, SSIS, SSRS, Telerik Sitefinity, Web API, Kendo UI, HTML5, WPF, IIS 7.5, Share point 2013, Visio, GitHub, TFS, Rally

# Corning Incorporated: System Architect/Lead/Analyst, Corning, NY, USA (Apr 2008 – Jun 2016)

**Projects**: OptoCommerce, Gorilla Glass - Device Tracker, Click 3000, ELF Mobile App, COF India, CCS – FlexNAP™ Configurator, My Development, SRA (Solution Roadmap Assistant), IP Audit (Intellectual Property Audit System)

**Environment**: ASP.NET, Oracle (PL/SQL), SQL, JQuery, Windows 7/2012, Visual Studio 2013,C#, Net Framework 4.5.1, Windows Service, WCF, MVC 5, Telerik, Kendo UI, AngularJS, Bootstrap CSS, SSRS, Caspol, Entity framework 6.0, WPF, IIS 7.5, Team foundation server 2010, GitHub, TFS for automated builds, Mercury Quality Center as issue tracker tool, Unit of Work pattern, Share point 2013, Visio 2013, SAP Unwired Workspace, XCode 4.4.1, IIS 7.5, Afaria,.

# TSPLLC: Application Developer, TSPLLC, USA (Aug 2005 – Feb 2008)

**Projects**: STS 2.52.1 (Society of Thoracic Surgeons), Issues and Change management, National Hospital Quality Measures

**Environment**: ASP.NET, C#.Net, VB.Net, SQL Server2000, Java script, Windows XP/2000, Visual Studio 2005,

.Net Framework 2.0, IIS 6.0, Robo Help, Crystal Reports 10.0, Ajax, Visual source safe 6.0, Rap Tier, Share Point Portal Server 2007, Share Point Designer.

# Education:

**MS** in **Computer Science** from University of Bridgeport, Connecticut, USA

**B.Tech** in **Information technology** from Madras University, INDIA