



**Axero Solutions
Technical Capabilities**

Profile

Vivek Thakur

- Author of the widely popular book architecture and design book titled [ASP.NET 3.5 Application Architecture and Design \(Packt Publications\)](#)
- [Microsoft MVP award](#) holder since 2007: <https://mvp.support.microsoft.com/default.aspx/profile/thakur>
- Subject Matter Expert (SME) for Microsoft ASP.NET 3.5 certification exams and helped creating the subject domain along with Microsoft Team at Redmond, Seattle (selected as one of the 7 members from around the world)
- 8+ years of experience in Windows Forms, WPF, ASP.NET, C#, VB.NET, AJAX and SQL Server, besides numerous other technology tools
- Published many technology articles:
<http://www.codeproject.com/script/Articles/MemberArticles.aspx?amid=2087858>
- Close ties with Microsoft and access to the latest technologies and best practices
- Led a team to develop a retail POS based solution for ECR Ltd (UK)
- Developed an open source encryption software in C# ([NeekProtect](#)) which is based on Dependency Injection design
- Graduated with an engineering degree (B. Tech) from one of the top ranked colleges in the world, the Indian Institute of Technology, Delhi (IIT)
- **Microsoft Certified Application Developer (MCAD.NET)**, Script ID: **3331836**. Cleared 3 exams -
 - 70-315: Developing Windows Applications in C#.
 - 70-316: Developing Web Application in ASP.NET and C#
 - 70-320: Developing XML Web Services and Server Components in VC#.NET
- All-Star contributor in the [ASP.NET forums](#) and also the leading contributor and moderator in the [CodeAsp.Net forums](#)

Axero Solutions, LLC.

4876 Santa Monica Ave. #152, San Diego, California 92107 USA

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Tim Eisenhauer

- Serial entrepreneur
- 11+ years of application architecture and development experience with a focus on usability, web and desktop based user interface design, internet marketing, high profile website design, and best design practices.
- **Subject Matter Expert (SME) for Microsoft Windows Desktop .NET 3.5 certification exams** and helped create the subject domain along with Microsoft Team at Redmond, Seattle (selected as one of the 7 members from around the world)
- Skilled in creating state-of-the-art GUI designs for the Microsoft.NET platform, built for SEO optimization design, along with a pure-CSS, theme based design structure
- Experience in a variety of online businesses including the development, management, and marketing of ecommerce operations, online brand campaigns, and online software sales.
- Specialized skills in identification of online market opportunities, consumer marketing, online subscription, and rapid new business creation and execution.
- Well versed in brand strategy, including brand-building, site design, development, graphic design, company naming, and idea generation.
- Expert in .NET development, ASP.NET, Agile / Scrum, User interaction, client interaction, requirements gathering, system architecture, data modeling, coding standards, functional specification
- Attended Pennsylvania State University for Information Sciences and Technology, Information Systems – System Design and Development
- Played the role of Senior Programmer Analyst for Pennsylvania State Treasury in architecting and developing a web based platform for the TAP529 Investment Program - which allowed hundreds of thousands of people to access their account online.
- Co-founder, VP Technology, and Lead Architect of Listopica, Inc.
 - 2004-2008 - Raised over \$250,000 capital for a startup business and led to its success
 - Played the major role in creating the vision, direction, and products of the company.
 - Oversaw the company's technology development, products and services, key applications, product development, and technology management and decisions
 - Responsible for assuring that the company's products and services are delivered and available at the right time, at or below the planned cost, and at the prescribed quality level.
 - Designed and set up automated processes to put the business on "auto-pilot"
 - 2008 – able to step out of the business and focus on new ventures
- Technical reviewer of Vivek Thakur's widely popular book titled [ASP.NET 3.5 Application Architecture and Design \(Packt Publications\)](#)

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Why Axero Solutions?

As IT industry veterans know, good resources are scarce. We too are very few in number, selected amongst the best, as all of us are highly talented and experienced and we believe in quality rather than in numbers.

Irrespective of the tangible benefits, the offshore software development process had traditionally seen a number of shortcomings which include inexperienced or technically inefficient resources, not following best standards, low reliability, organizational problems, etc. Because of such drawbacks, many firms are rightly worried when using offshore companies for outsourcing their projects. And that is exactly where we fit in. We are a US based software development company, located in your backyard.

Technical Team Features

- Microsoft Certified Programmers
- Team members selected after a rigorous interview process
- Team members are encouraged to have regular peer code reviews in order to maintain high quality code
- The importance of active community participation is promoted throughout the technical team members, which can be seen on CodeAsp.Net, ASP.NET, Codeproject.com, and many other .NET portals.

The Microsoft© MVP Brand

Microsoft© Most Valuable Professionals (MVPs) are exceptional technical community leaders from around the world who are awarded after a tough selection process for their high quality and real world expertise in technical domain. Microsoft© MVPs are a highly select group of experts that represent the technical community's best and brightest, and there are only 700 ASP.NET MVPs as of now in the whole world.

Microsoft© Subject Matter Experts

Microsoft© Learning regularly consults the “best-of-the-best” Subject Matter Experts (SMEs) to help develop Objective Domains (ODs) for its wide range of certification exams. Vivek Thakur and Tim Eisenhauer were both selected by Microsoft© as Subject Matter Experts in the ASP.NET platform and get regularly invited to Microsoft© headquarters in Redmond, Washington to discuss and prepare the certification exam domain's by closely interacting with the Microsoft Learning internal team.

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Quality Work

Our work speaks for itself. As a team, Tim Eisenhauer and Vivek Thakur have developed state-of-the-art websites and products for clients spanning many different verticals and domains. All products were developed from the ground-up, including use case documents, business consulting, initial website prototypes, UI design, as well laying out a solid and scalable architecture for the applications.

Our methodology, approach and design

Fail to plan, plan to fail.

A good plan is essential for completing any project successfully. Without planning, you take the risk of spending more time and money necessary, and the result could very likely be something that is not 'good' or does not meet your expectations. It is our goal to produce exceptional work that meets (and often exceeds) your expectations. If you don't plan, you're most certainly going to fall into traps, reacting to situations that pop up, rather than sticking to the priorities in a controlled manner. These traps are what we strive to avoid, saving your organization money, time, and headaches.

Our development model places an emphasis on creating and maintaining documentation (such as requirements documents and design documents) as well as well structured and documented source code.

The development process described in the following pages is by no means a waterfall method and is not meant to be a sequential (step-by-step) software development model. However, just like any project, we believe that time spent early in the project, making sure that requirements and design are absolutely correct will save you much time, money, and effort later.

SCRUM / Agile development

We primarily use a SCRUM / Agile development method, which focuses on breaking the development of various components into iterative phases. We have found our clients to be most happy with this development process, due to their close interactivity with the project throughout the iterations. Each iteration passes through a full software development cycle: planning, requirements, design, coding, testing, and documentation. The goal is to have an available release (without critical bugs) at the end of each iteration. A major goal to be achieved by using this process is to allow the client to take their new product to market before it is completed in its entirety. We are also minimizing risk by developing highly focused components in short amounts of time.

This development process will continue throughout all phases, promoting the release of components to a beta phase in a live environment as the lifecycles are completed.

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Process

Below is a simplified process structure we adopt at Axero:

Project Stages		Potential Pitfalls	
Project Progress	1. Initiation: Understanding project needs from a very high level perspective and conducting a small feasibility study		Poor feasibility study can hinder or block project progress later on, it is very important to see what really can be achieved and what cannot from the current technological offerings
	2a. Planning: Understand the project needs comprehensively, develop business use cases, detailed project plan, high level architecture, class diagrams, data model, sequence diagrams, prototype		Detailed planning and project management is the key here, without a well laid out plan the project is doomed to fail. Wrong estimates or improper choice of architecture can blow death knell to the project progress.
	2b. Development: Work iteratively on selected use cases, QA process follows		Lack of unit tests, deviations in architecture, patching and short circuiting code to avoid deadlines
	3. Transition: Beta testing, release docs, deployment instructions, bug fixing		Without proper usability and integration testing, success is not possible
	4. Support: Provide support after the Gold/RTM release		Good support is very crucial

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Contact us

Thank you for evaluating us to be your technology partner. We look forward to a long-lasting and mutually beneficial association with your company.

Please contact us now for further information:

Sales

info@axerosolutions.com

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