

RAMESH SRINIVAS

Technology Strategist, Enterprise Architect, Programmer

CORE STRENGTHS

- ◆ Technology industry veteran with over 20 years of experience leading the construction and deployment of modern, enterprise class solutions that accelerates the delivery of business products and services
- ◆ Strategic, imaginative and big thinker, with a passion for leveraging technology to create a vision that's aligned with business objectives, through leadership, process, structure and innovation
- ◆ Evangelist with the ability to analyze business and competitive challenges, the vision to identify, assess and adopt the right technologies to meet them, based on a holistic view of ROI, costs, benefits and dependencies
- ◆ Expertise in improving organizational synergy and efficiency by – implementing agile lifecycle methodologies, defining design, development and operational standards and building application frameworks
- ◆ A well-established record of architecting cutting-edge systems with emphasis on extensibility, security, scalability, quality and user experience; a very hands-on approach to engagement in the design, development and deployment of technology services, with an eye for engineering detail.
- ◆ Strong knowledge of software, hardware, networking, systems engineering and applications gained from years of experience, and from a strong yearning to keep abreast of industry trends.
- ◆ High level of proficiency in the areas of quality improvement, reduction of technology debt, software and infrastructure modernization, optimization of technology services, strengthening of business partnerships
- ◆ Aptitude using soft skills – communication, presentation, public speaking, inter-personal, leadership, decision-making, mentoring, negotiation and influential – in order to bridge prevailing ideas and innovative, new approaches

INDUSTRY EXPERIENCE:

Financial Services: Private client – manage client relations & finances, online trading, real-time quotes, market research and analysis, account and portfolio management, asset allocations, and financial planning; Trade Management – Clearance & Settlement; Fixed Income – Treasuries, Bonds & Municipals; Wealth Management – Risk tolerance, assumption management, portfolio construction, product recommendation; Retail & Business Banking – Credit card services, account management, bill payment, fraud prevention & debt collection services; Foreign Exchange, Commodities and CFDs – Trading platform services for individual and institutional clients;

Accounting Services: Web-based accounting solutions for SMBs

Ecommerce: Inventory management solutions for B2C and B2B

TECHNICAL STRENGTHS:

Languages & Frameworks: C#, Python, HTML5, JS Frameworks, JQuery, Microsoft.NET, IIS, WCF, WF, WIF, Entity Framework, REST, Microsoft Enterprise Library, ASP.NET MVC, MonoTouch, PhoneGap

Concepts & Approaches: UML, Object Oriented Design & Development, Design Patterns, Refactoring, Aspect Oriented Programming (AOP), Test Driven Development (TDD), Cross Cutting Concerns, Application Frameworks, SDLC Automation, Agile Methodology, Continuous Integration (CI), Big Data, Data Warehousing, Mining & Business Intelligence, Operational Intelligence, Rich Internet Applications (RIA), Mobile Frameworks, Cloud Computing, Complex Event Processing (CEP), Content Delivery Networks (CDN), Content Management Systems (CMS), Enterprise Messaging System (EMS), Enterprise Distributed Cache (EDC), Performance Engineering, Application Performance Management (APM)

Technologies & Tools: Visio, TIBCO, Lightstreamer, Streambase, Windows Server AppFabric, Windows Azure, Vertica, Hadoop, Tableau, Visual Studio Team System (VSTS), Team Foundation Server (TFS), CodeRush w/Refactor! Pro, PostSharp, Dynatrace, Splunk, Powershell, Keynote, Ants Profiler

PROFESSIONAL EXPERIENCE

INTERIM CTO/TECHNOLOGY ADVISOR

Jun. 2012 – Sep. 2012

As Interim CTO of a *stealth mode* social media/ecommerce startup, my responsibilities included

- ◆ Conducting a competitive analysis of the market place, and a technical feasibility study to determine existence and limits of currently available technologies
- ◆ Specifying a high level architecture that will provide scalability, reliability, security; application specifications, wireframes and prototypes
- ◆ Making decisions on the technologies and approaches – build vs. buy, cloud vs. dedicated hosting, hardware & software to support the chosen technology and the architecture
- ◆ Determining the technical expertise required – designers, developers & testers – for building and supporting the system, and the approach to acquiring this expertise – in-house vs. outsourced vs. hybrid.
- ◆ Providing tactical and strategic roadmaps, tools, methodology and best practices for the implementation of the solution.

GAIN CAPITAL HOLDINGS

May 2008 – Jun. 2012

VP, APPLICATION ARCHITECTURE

GAIN Capital Holdings, Inc. (NYSE:GCAP) is a global provider of online trading services, specializing in foreign exchange (*forex* or FX) and contracts for difference (CFDs), with customers and trading partners in more than 140 countries. A pioneer in online forex trading, GAIN Capital provides execution, clearing, custody and technology products and services and operates FOREX.com, one of the largest and best-known brands in the retail forex industry

- ◆ Spearheaded the design, implementation and delivery of the *new* Forex.com, a rich Internet application that integrates web based, real-time trading, with dynamic, research and educational content. Built on a state of the art service-oriented architecture, this multi-lingual application supports a multitude of device form factors. Targeted to a worldwide audience, key requirements met included high & consistent global performance, easy scalability, failover support and a low cost of maintenance.
- ◆ Significantly lowered the total cost of application development and maintenance by building the *Gain Application Framework* that addresses key cross cutting concerns of developers, and providing them with building blocks that standardizes logging, caching, messaging, data access, business rules and configuration. Driven by a centralized configuration management database (CMDB), the framework uses patterns and concepts such as Inversion Of Control (IoC), Dependency Injection (DI), and Aspect Oriented Programming (AOP) to achieve high extensibility and adaptability and manageability.
- ◆ Envisioned and built an extensible framework, for a push-based delivery of real-time messages and data over http, to a multitude of devices. Besides providing a great user experience, this helped lowers infrastructure costs such as bandwidth and capacity usage.
- ◆ Advocated “big data” consolidation and mining across the enterprise, built applications and services for data warehousing and analytics to provide valuable historical and real-time, business & operational intelligence.
- ◆ Achieved a high level of agility, transparency, traceability, quality, accountability and predictability from the SDLC by introducing Team Foundation Server as the core of the ALM process, from requirements gathering to production deployments. Championed process repeatability and efficiency in the enterprise by introducing automation in builds, testing, deployment and data gathering.
- ◆ Established a performance engineering discipline and environment, that focuses on service level, capacity and problem management, helps maximize the potential of software and hardware, lowers overall footprint and total cost of ownership.
- ◆ Introduced and advocated innovative concepts to better manage business demand on technology – reduce technology debt, modernize legacy systems, design adaptable architectures, improve operational intelligence.
- ◆ Responsible for the research, analysis, evaluation, selection and implementation of products/services for life-cycle management, content management, real-time messaging, enterprise distributed cache, enterprise object access, complex event processing and operational intelligence.
- ◆ Chaired a committee of members drawn from every area of technology, to understand areas, processes and tools that could be improved in order to make the enterprise more agile and adaptable.

SOA SOFTWARE
.NET ARCHITECT (CONSULTANT)

Oct. 2006 – Apr. 2008

SOA Software is the industry leader in providing a complete SOA solution that includes governance, security and management. Their product *Service Oriented Legacy Applications* (SOLA) is the only, full suite SOA solution for the mainframe, with the ability to convert existing legacy applications to secure web services at the click of a button.

SOLA.Net is a developer's suite that enables .net application developers to easily consume mainframe programs from within the Visual Studio environment.

- ◆ Conceived of, designed and developed the Sola.Net product, featuring a set of rich developer tools, plug-ins and custom controls for .NET application developers that target SOLA for their data requirements.
- ◆ Designed and developed a full-featured UDDI browser that integrates into the Visual Studio and implemented a data source based approach to consuming mainframe data from inside Visual Studio.
- ◆ Implemented an easy wizard like process to determine policy requirements and implement them, thereby moving the complexity away from the developer who can focus on business requirements.

ONLINE RESOURCES
SENIOR ARCHITECT (CONSULTANT)

Jan. 2004 – Aug. 2006

Online Resources is a provider of web-based financial services for over 3800 clients. The Card & Credit Services division services credit issuers and debt holders, providing over 30 million cardholders with account-presentation, maintenance, collections and merchant inquiry services, along with a separate application for Call Center Workstation to service cardholders. All products are based on the core platform (formerly called InSite) and customized by professional services for each client.

- ◆ Working for the office of the Chief Architect, designed and implemented several key aspects of an n-tiered, object oriented, secure, extensible and configurable framework for the InSite product.
- ◆ Profiled, analyzed application performance and identified bottlenecks in the design that prevented the application from achieving SLA commitments. Recommended and implemented design changes that infinitely improved application performance and scalability while achieving high client satisfaction.
- ◆ Spearheaded the design and implemented of a custom strong authentication (Two-Factor) that complemented existing security mechanisms, comply with SEC (Sarbanes-Oxley) regulations as well as client specifications.
- ◆ Led the effort to re-design and refactor product in order to target different customer segments, and thereby increase and improve sales.
- ◆ Re-architected inefficient back-office processes for better performance, implemented mechanisms and tools for the proactive monitoring and resolution of problems.
- ◆ Implemented extreme programming techniques - refactoring, test-driven development (TDD), and continuous integration - with tools like NUnit, NAnt, NMock and CruiseControl.NET.
- ◆ Recommended a set of improvements to the product platform based on new and emerging technologies like WPF, WCF and SOA that will maintain the framework and product at the cutting edge and help sales.

ARCHITECT AT BCT PARTNERS
ARCHITECT AT INTERACTIVE TECHNOLOGIES
CHIEF ARCHITECT AT ADMINISTAFF, INC., / VIRTUAL GROWTH, INC.
SENIOR SOLUTIONS ARCHITECT AT IFRAME CORPORATION
SENIOR DEVELOPER AT MERRILL LYNCH
SENIOR DEVELOPER AT BANKERS TRUST COMPANY, NEW YORK
SENIOR DEVELOPER AT RAMCO SYSTEMS, INDIA
DEVELOPER AT BENCHMARK CONSULTANTS, INDIA

Jul. 2003 – Dec. 2003
Jan. 2003 – Jul. 2003
Oct. 2000 – Aug. 2002
Apr. 2000 – Sep. 2000
Dec. 1995 – Apr. 2000
Mar. 1994 – Nov. 1995
Jun. 1992 – Feb. 1994
Nov. 1989 – May 1992

EDUCATIONAL BACKGROUND

Master's Degree in Commerce, University of Madras, India, 1990

PROFESSIONAL CERTIFICATIONS

Microsoft Certified Professional (MCP), - *Designing and implementing databases with SQL Server 2000*