

Ali Sohani

Software Architect, Team Leader, Researcher in Cognitive Science, Entrepreneur, Futurist, IT Consultant

ali.sohani@gmail.com

Summary

Product Development Manager and Technology Consultant (Solution Architect) having more than 8 years of experience in Software Industry working for Design, Research and Development.

Highly motivated and detail-oriented person with in-depth knowledge of various software development processes with ability to lead successful projects.

Proven skills in team management and motivation, business process re-engineering, producing architecture artifacts, designing high quality business and technical solutions, artificial intelligence and expert systems, database modeling, applying best practices, client-side interactions and manage implementations on site.

Successful in designing sustainable and easily manageable software systems while managing a team of Business Analysts, Web Graphics Developers, Software Engineers, Quality and Testing Engineers.

Founder of “Nanosoft Systems”, company specialized in research and development of Artificial Intelligence based software solutions and provides consultancy to other companies helping them achieve more automation via use of Artificial Intelligence Techniques in software solutions they develop.

Have developed, managed and delivered projects for several Fortune 100, Fortune 500, Global 500 and High profile companies such as:

J.P Morgan Chase & co., Liz Claiborne, Bank of America, IndyMac Bank, Wells Fargo & Co, Cendant Corp, Bank One, Fannie Mae, National Association for the Education of Young Children (NAEYC), Delaware Valley Association for the Education of Young Children (DVAEYC), Samsung Electronics, Emirates National Securitization Corporation (ENSEC), Lenders First Choice (LFC), EMC Corporation, Central Depository Company of Pakistan Limited (CDC), HUM TV, City FM 89, SUN TV, Alfalah GHP, Synergy Advertising, Manhattan Pakistan, HobbyPit, Malir Cantonment, Pak Media Com

Specialties

Pioneering Inventions, R&D, Process Optimization, Software Design and Architecture, Artificial Intelligence and Expert Systems, Grid Computing, Web 2.0, SaaS, Emerging Technologies Consultancy, Energetic Presentation Skills, Influential Leadership, Business Analysis, Managing Multiple Projects, Effective Resource Utilization, Planning with Change and Risk management, Team

Experience

Software Architect, Project/ Product Development Manager at Systems Ltd (Visionet Systems Inc)

March 2006 - Present (2 years 7 months)

- * Supervising multiple Projects in Research, Development or Production support mode together.
- * Conducting Software Architecture and Design Reviews in company level Software Product design, architecture and development.
- * Member of Company wide Software Architecture Group responsible in strategy, adoption of standards and industry wide best practices in software analysis, design, management and development to increase overall productivity of teams, leading finally to SDLC Optimization.
- * Managing a team of Business Analysts, Software Engineers, Quality and Testing Engineers which includes setting productivity and accuracy goals, motivating the team to meet and exceed those goals, delegating tasks, managing workflow, writing performance appraisals, and helping each member of team to reach their career goals.
- * Involved in Proposals, Client Interactions, Requirements Analysis, Estimations, Project Scheduling, Design, Development, Testing, Integration, Deployment and Support.

9 recommendations available upon request

Founding Director, Chief Researcher and Software Architect at Nanosoft Systems

January 2000 - Present (8 years 9 months)

- * Started company to develop and provide consultancy on Artificial Intelligence oriented Systems.
- * Have developed projects like
 - ALI [Artificial Language Intelligence] (NLP Chatter bot Technology)
 - MIMS [Magic Info Mining System] (Information mining from large corpus)
 - myPortal (Personalized content dashboard management System)
 - myADS (Context based Ad retrieval System)
 - myNews (Automated news extraction from customizable news sources, auto topic detection, ranking and recommendation on relevance)
 - Net-Work Expert (Expert System to diagnose and resolve Intranet Problems)
 - Mechas'n'Orgas (Prototype of Real Time Strategy Game)
- * R&D in areas like NLP, text mining, knowledge extraction, topic classification, statistics and probability distributions, Monte Carlo simulation, AI in Games, reinforcement learning, evolving neural networks, genetic algorithms, machine learning, fuzzy logic and pattern detection in collective intelligence.

1 recommendation available upon request

Guest/Visiting/Part-time Faculty at Various Institutions

January 1999 - Present (9 years 9 months)

* Coached and Trained several professionals on subjects such as:

Web 2.0, SOA and SaaS

Software Architecture and Design

Software Architecture Evaluation: ATAM, SAAM, ARID

Artificial Intelligence and Expert Systems

Collective Intelligence

Visualization of Complex Data Sets

Programming Generic Systems (Polymorphisms)

Workflow and Business Rule Engines

Inheritance based Framework vs. Code Generation

Configuration vs. Conventions

Project Management with Change and Risk management

Application Lifecycle Management (ALM)

Agile Methodology: XP, SCRUM, FDD, DSDM

Entropy Reduction, Refactoring

Design Patterns and Types of Coupling

Tracer Bullets (Evolutionary Prototyping)

Interpreters and Parsers

Use of XML for Technology Integration

Programming Web Services using RPC, SOAP and REST

Rich Site Syndication (RSS)

Software Marketing and Branding

E-Commerce and E-Marketing

* Have taught several Programming Languages such as:

C++, Visual Basic, Java, C#

Project Lead/ Analyst Programmer at Glotech Inc

February 2004 - March 2006 (2 years 2 months)

* Implemented and Enforced the use of proper workflow architecture and processes, managing inner system dependencies effectively and to produce output efficiently.

* Contributed leadership experience toward scheduling, feature prioritization, bug triage, staffing.

* Supervised and Motivated team to get work done within their deadlines with improving quality by utilizing best software practices, peer-reviews and cross testing the development.

- * Introduced Technologies with great ROI to be used in Development of Softwares.
- * Contributed in SDLC Optimization, Software Design and Architecture Practices at Company Level.
- * Introduced practice of peer testing in software development to achieve better software quality and to reduce number of bug fixing cycles after development.

1 recommendation available upon request

Senior Software Engineer at OutReach Digital (Pvt) Ltd.

September 2004 - June 2005 (10 months)

- * Developed and lead the development team for Company projects that depended on SQL Server, while using the proprietary Data Abstraction Layer of Company from the code behind.
- * Developed one of the first Software Solutions in the country targeting Media Industry such as Broadcast Management System, Telecast Management System and Ads Management System
- * Developed extensively JavaScript powered Application, with ASP.net (Codebehind: C#), minimizing amount of post-backs, providing Rich Interaction to business user on the web.
- * Built the Generic Search Engine and light weighted "wiki" like Web Dynamic Content Management Solution.

1 recommendation available upon request

Mentor/ Software Engineer at FAITH College

June 2003 - January 2004 (8 months)

- * Implemented new solutions in advance emerging technologies.
- * Provided production support to developed solutions of the Company.
- * Dynamically lead the team to improve on Software Development.
- * Overall optimized Software Development Life Cycle.
- * Provided Internal trainings on use of Emerging Technologies as a part of Software Development.
- * Implemented an Interpreter based programming language named as "FAITH", as a part of Open Source development initiative.
- * Trained staff to start hands on development experience on .NET Beta versions launched by Microsoft.

Mentor/ Software Engineer/ Researcher at Digisoft

August 2002 - June 2003 (11 months)

- * Coached and provided consultancy of Visual Basic 6.0 with Database Connectivity to professionals working on C++, Java and FoxPro.
- * Developed Solutions for local market firms in VB 6.0.
- * Developed and Managed Company Website.

Honors and Awards

- Exceptional Team Award [2008]
Key Achievement Award [2007]
in Systems Ltd (Visionet Systems Inc.)
for JP Morgan Chase Repurchase Management Project.
- Best Product [2003]
for Product: Nanosoft Systems "Dev Studio 2003 v2.0"
in SoftCom Exhibition
- ALI (Artificial Language Intelligence) NLP based chatter bot software recognized as a best application in Product.
- Best Suite of Application [2003]
for Product: Nanosoft Systems "Dev Studio 2003"
from District Education Officer (District Level Competition and Exhibition)
- Command Pro (Programming Language for Beginners) recognized as a best application in Product.
- Best Software Application [2002]
for Product: Nanosoft Systems "Dev Studio 2002"
from Aga Khan Local Education Board (AKLEB)
- Jaze-Up (Interactive Media Player) and Robo++ (Text Editor with Talking Robot) recognized as coolest applications in Product.
- Best Speaker Award [2000]
- Best Presentation and Presenter Award [1999]

Interests

Philanthropy, Social Entrepreneurship, Entrepreneurship, Innovation, Software Architecture, Enterprise Architecture, Cloud Computing, Collective Intelligence, Artificial Intelligence, Genetic Algorithms, Neural Networks, Cognitive Science, Robotics, Project Management with Emotional Intelligence, Product and Portfolio Management, Leadership, Start-ups, Bootstrapping, Java, .NET, Polymorphisms, Scalable Systems, Distributed Computing, Concurrency Oriented Programming, Functional Programming, Agent based Programming, Fault Tolerant Systems, Web 2.0, SaaS, SOA, BAM, BPM, Process Optimization, Software Development Methodologies, Philanthropy, Development of Special Talent and Child Prodigies in Underdeveloped Countries, Economics, Hedging, Stock Market Technical Analysis, Private Equity Funding and Investments, Mortgage Industry and its Business Processes.

Ali Sohani

Software Architect, Team Leader, Researcher in Cognitive Science, Entrepreneur, Futurist, IT Consultant

ali.sohani@gmail.com



12 people have recommended Ali

"Ali is a detail-oriented and competitive person, he is an energetic and goal oriented developer."

— **Talha Amin**, *Project Lead/ Analyst Programmer, Glotech Inc*, managed Ali indirectly at Glotech Inc

"I have worked with Ali for couple of years and he is always energetic, helpful and focused. He is a broad minded person and believes in team work for success. His strength is his technical research and understanding and he is motivated for automating routine tasks. Ali is a good manager as well and always looks for the potential in his team resources and motivate them accordingly. I have enjoyed and learned a lot working with him."

— **Naresh Kumar Nihalani**, *Software Architect, Project/ Product Development Manager, Systems Ltd (Visionet Systems Inc)*, worked directly with Ali at Systems Ltd (Visionet Systems Inc)

"Ali Sohani is a kind of genuine leader among diversity of people and business process. He loves to know the rules, the game just to break the rules and form new one, always try to find a new way, quiet ambitious, natural orator, fluent in thinking, expressing and speaking. He belongs to new, modern and fast breed of young Managers from Pakistan which has proven their ideas and negotiates skills in handling various situations. He is capable to create trustworthy, reliable, consistency relationship in business. It is so easy to find and appreciate his zeal of to do his best."

— **Dure Sameen**, *Software Architect, Project/ Product Development Manager, Systems Ltd (Visionet Systems Inc)*, managed Ali at Systems Ltd (Visionet Systems Inc)

"Ali is a phenomenal software engineering professional. I have had the pleasure to get to know Ali both professionally and personally and I have no doubt in saying that he is one of the best developers I have ever met. He has managed to do outstanding work in difficult working environment through the use of his leadership, teamwork, analytical, personal, social, and all-round consulting skills. He has managed to meet the ultimate professional challenge - earn respect through outstanding professional effort and achieve outstanding results."

— **Khurram Rashid**, *Software Architect, Team Lead Product Development/ Advisory Software Engineer, Systems Ltd (Visionet Systems Inc)*, worked with Ali at Systems Ltd (Visionet Systems Inc)

"I have not yet worked with Ali, but he seems to be a very friendly guy and is passionate about AI, software, and business. I'm glad to have him as a partner in the AGI (artificial general intelligence) field, and look forward to more collaborations."

— **King Yin Yan**, *Founding Director, Chief Researcher and Software Architect, Nanosoft Systems*, was with another company when working with Ali at Nanosoft Systems

"Ali (Hard Worker, Target Oriented) guy my experience with him is very good he perform well in his all activites and assinged task on time and made some value added things in his task every time to improve quality ,performance and functionality."

— **Shahrukh Saif**, *Senior Software Engineer, OutReach Digital (Pvt) Ltd.*, worked with Ali at OutReach Digital (Pvt) Ltd.

"Great guy - Very knowledgeable and Creative, working with him was really a pleasure. A star performer, and a strong advocate for building solutions that were portable, scalable and forward thinking. Strong knowledge of Mortgage Industry !!"

— **Muhammad Qasim**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, worked directly with Ali at Systems Ltd (Visionet Systems Inc)

"Ali is hardworking professional, thoroughly dedicated and professional. He is intelligent and has passion to move forward."

— **Khawaja Ahmad**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, managed Ali at Systems Ltd (Visionet Systems Inc)

"Ali is a poised technical guy as a quick learner to grasp the new technologies and go into the depth of the application domain knowledge straightaway. He is an aggressive pragmatic programmer, very assertive and has strong grip on architectural aspect of the software applications. A highly energetic, self motivated and a self made person who always starving for new challenges in software development. He is very keen to develop his knowledge Portfolio all the times beside this an excellent team member and doesn't let the team morale down."

— **Muhammad Latif**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, managed Ali indirectly at Systems Ltd (Visionet Systems Inc)

"good problem diagnosis skills with great potential of understanding and devising solutions good communicator and excellent team member with patience to hear any suggestion by any group member Dedicated and devoted towards commitment"

— **Shahzad Sarang**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, worked with Ali at Systems Ltd (Visionet Systems Inc)

""

— **Arjun Thadani**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, was Ali's client

"Ali was considered one of those person who believe that every problem in this world do have a solution. That solution always comes to ones mind when you understand the problem completely. This is one of many good things that he understand all problems very well."

— **Shahzad Masud**, *Advisory Software Engineer/ Solution Architect, Systems Ltd (Visionet Systems Inc)*, worked directly with Ali at Systems Ltd (Visionet Systems Inc)

Expertise

Enterprise Software, Project Management, Software Development, Mentoring, Starting Up, Computers and Software

[Contact Ali on LinkedIn](#)