

## Ankur Sinha

(Have authorization to work for any employer in United States)

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### CAREER SUMMARY

Sears Holdings	03/2010- Present	Technology Leadership Associate
Inventive Software Solutions	11/2005- 01/2008	Partner/Application Architect/Project Lead
Keane Inc., Consulting Division, Bedford, NH Bureau of Motor Vehicles, State of Maine, Augusta, ME	10/2001- 11/2005	Principal Consultant - Development Manager / Project Lead – Development and Support.
PricewaterhouseCoopers LLP, Management Consulting Services, Manchester, NH (brought over by IBM)	11/2000- 04/2001	Senior Consultant
Tata InfoTech Limited (formerly Tata Unisys Limited), Systems Integration Division, Helena, MT	07/1997- 11/2000	Senior Systems Engineer
Consulting Engineering Services (CES), New Delhi	05/1996 – 07/1996	Development Engineer

### EDUCATION

**Massachusetts Institute of Technology**, Cambridge, MA  
School of Engineering & Sloan School of Management  
Master of Science in Engineering and Management, SDM Fellow

2009

#### **Emphasis:**

- *Enterprise and Start-up Technology Strategy*
- *Technology Assessment & Innovation*
- *Project Costing & Estimation*
- *Information Technology as an enabler for Transformation*
- *Regulatory and Policy based Strategy and Adoption*
- *Systems and Software engineering*
- *Product Development and Design*
- *Enterprise Architecting & Management.*
- *Healthcare Systems*
- *Supply chain technology strategy*

1997

**University of Delhi**, Delhi College of Engineering, New Delhi, India  
Bachelor of Engineering (Civil)

## CAREER EXPERIENCE

### **Sears Holdings**

03/2010 – Present

#### ***Technology Leadership Associate***

- Led technology innovation in IT, Online business unit and other business units of the retail firm.
- Led a team for design of a multilevel multi-user social game using Gigapan technology.
- Led a team of engineers to architect, design a video sharing solution
- Analyzed the supply chain process, system for Business Units of Sears Holdings.

### **Massachusetts Institute of Technology**

01/2007 – 09/2009

#### ***Research Assistant, MIT – Plasma Protein Therapeutics Association (pharma-manufacturers group)***

- Provided technology, supply chain and adoption strategy based recommendations for a chain of manufacturing Pharmaceutical supply chain industry.
- Analyzed the Federal and US state requirements for e-Pedigree system to be implemented across US pharmaceutical supply chain networks.
- Designed the high level technical architecture of e-Pedigree adhering to system wide standards.
- Performed cost benefit analysis of RFID-barcode implementations of serialization strategies.

### **Inventive Software Solutions, Waltham, MA**

2006 – 2008

#### ***Partner, Owner (Roles: Project Manager, Director, IT and Enterprise Architect)***

- Architected e-Governance electronic filing solutions for a startup company in the dealership sector in California; solution was successfully implemented and reduced public wait time by 95%.
- Architected and designed an enterprise digital storage and retrieval solution for video and digital content; based on initial CBA, the solution is intended to provide 60% cost savings.
- Partnered with IBM and HP to provide blade server architectural implementations for enterprise IT software solutions.
- Provided consulting services for clients in health-care sector to architect and design a Personal Health Record (PHR) solution to implement remote access of PHR as per HIPAA laws.

### **Keane Inc, Bedford, NH & Charlestown, MA**

2001 – 2006

Principal Consultant

#### ***Development Manager (2004-2006)***

- Designed, developed, tested and implemented complex \$12M Maine motor vehicle IT system.
- Created and ensured adherence to project plan for IT system project.
- Managed and led a 10-member team for successful implementation of the IT system.
- Researched and reported project team status to Government officials that ensured continuous State funding.
- Led performance team including Oracle and State consultants, resulting in application performance enhancement.

#### ***Team Lead (2002-2004)***

- Managed a team of 5 developers to implement Sub-system level functionality.
- Designed and architected various sub-systems.

#### ***Enterprise Architect Designer (2001-2002)***

- Performed use-case design for various business processes of Maine Motor Vehicle IT System.
- Led SEI Capability Maturity Model Level 4 team that designed, developed and tested projects.

<b>PricewaterhouseCoopers (PwC), Management Consulting Services, Manchester, NH</b>	<b>2000-2001</b>
<b>Senior Consultant (MCS acquired by IBM Consulting)</b>	
<ul style="list-style-type: none"> <li>• Designed the web-based order management software for a start-up company.</li> <li>• Worked on architecting E-business software for purchase orders.</li> <li>• Tools: Java 2, JDBC, Oracle 8i, XML, EJB, IPlanet</li> </ul>	
<b>Tata Consulting Services (formerly Tata Infotech Limited), India &amp; USA</b>	<b>1997-2000</b>
<b>TECHNICAL EXPERTISE</b>	
<p><b>Design:</b> Objected Oriented Systems Design, Object Oriented Analysis and Design (OOAD), Database design, Entity Relationship (ER) modeling, GUI design, Design Patterns</p> <p><b>Methodologies:</b> Rational Unified Process (RUP), Software Development Life Cycle (SDLC)</p> <p><b>RUP tools:</b> Rational ClearCase, Rational ClearQuest, Rational Rose</p> <p><b>Application/Web Servers:</b> Oracle application server (10g, 9i), BEA Weblogic, IBM Websphere, JBoss application server, Tomcat</p> <p><b>Database Servers:</b> Oracle, MySql</p> <p><b>Programming Languages/Technologies:</b> Java, C++, Fortran, XML, XSLT, J2EE, Entity/Session bean, JDBC, PL/SQL, Cocobase, Tangosol Cache, Cache, JBoss Transaction API</p> <p><b>Specialized Expertise:</b> Application server tuning, Connection pooling, Application server administration, Database administration, Database sizing, Database partitioning, Performance tuning, Mercury LoadRunner, Stress testing</p>	
<b>PUBLICATIONS</b>	
<b>Forecasting Using Artificial Neural Network - 'House Rental Level Prediction Using ANN'</b> - Journal of Urban Planning (American Society of Civil Engineers).	
<b>AWARDS</b>	
<b>William L. Stewart Jr.</b> award received at MIT Awards Convocation 2009. [ <a href="http://web.mit.edu/awards/past-winners/2009-recipients.html">http://web.mit.edu/awards/past-winners/2009-recipients.html</a> ]	<b>2009</b>
Appreciation/Recommendation letter received from Chip Gavin, <b>Deputy Secretary of State, State of Maine, US.</b>	<b>2007</b>
<b>COMMUNITY LEADERSHIP</b>	
<p>Founder and President of MIT Cricket Club.</p> <p>Founder and Program Lead of MIT Bollywood Club.</p> <p>Volunteer for non-profit organizations – A.I.D, ASHA, Boston for Bhopal (MIT).</p> <p>Lead Organizer of MIT New England cricket tournaments from Fall 2008 to Fall 2009.</p>	