

Anurag Kumar Sinha

Technical Architect at Flexsin Technologies

Summary

Accomplished, motivated and versatile IT professional with 11 years of experience **architecting applications**.

- 11+ years of experience developing .NET Applications.
- 5+ years architecting .NET solutions from start to finish.
- Experience architecting .NET multi-tiered and multi-tenant solutions.
- Understanding of Logical Layers
- Understanding of Physical Layers and Boundaries
- Proficient with the .Net framework. (4.0+)
- Skilled with C#, nice to have JAVA
- Solid understanding of object-oriented programming (OOP).
- Knowledge of Patterns
- Ability to draw/document a system design in including inflows/outflows of data.
- Ability to develop a re-usable, scalable, maintainable system.
- Ability to roadmap and deliver old technology to new technology in a logical and cost-effective manner
- Expertise in developing web-based communication services (REST APIs), WCF, Web API, WSDL, SOAP
- Data store knowledge (SQL Server 2008 R2 +)
- Understanding of Reporting
- Understanding of Monitoring, Metrics and Analytics
- Up to date with the latest security vulnerabilities and standards from OWASP.
- Recognize potential logical attack surface on the .NET applications.
- Understanding of Authorization and Authentication protocols and methodologies. SOAP, SAML, SSO
- Understanding of Encryption, Hashing and Signatures.
- Working knowledge of several JavaScript frameworks such as jQuery and Angular
- Demonstrable track record of keeping abreast of new technologies and discerning how/if they can be leveraged for the organization.
- Strong understanding of how software works and how they form building blocks to deliver solutions.
- Strong understanding of how the internet works.
- Strong troubleshooting skills.
- Ability to understand implementation pros/cons.
- Responsible for code reviews and team collaborations.
- Passionate about building high-quality systems with software implementation best practices while leading and mentoring a team of developers.
- Lead/mentor developers and share knowledge through knowledge-sharing presentations.
- Participate in a small, experienced, energetic team on a rapid, agile development schedule.
- All other responsibilities as assigned

Current Employer Duration: Feb 2018 – Till Date

Flexsin Technologies Pvt Ltd. | G-63, Sector - 63, Noida.

Previous Employer Duration: July 2016 – Dec 2017.

Religare Health Insurance Limited.
Vipul Tech Square, Tower C, 3rd Floor,
Sector – 43, Golf Course Road, Gurgaon - 122009

Previous Employee Duration: July 2010 – July 2016

HCL Technologies Pvt. LTD. | A-11, Sector -16, NOIDA

Previous Employer Duration: March 2007 – June 2010

Centre for Excellence in Project Management (CEPM) Pvt. Ltd.

<http://www.cepm.com>

<http://www.pmGURUonline.com>

CEPM's experience in delivering consultancy, training and PM software solutions is highly rated by industry.

Executive Profile

- Working with Flexsin on ERP. The ERP is related to Carpet Industry. ERP is built to maintain all the activity of manufacturing of carpet from raw material till the same is packed and dispatched to the buyers.
- Worked on Health Insurance for the Renewal of Policy, Under Writing, and Endorsement and Travel Related Health policies.
- 5 years of current experience in architecting, strategizing and managing application for HCM Track and finance domain.
- 1 year of hands on development experience in Payroll domain application using Microsoft technologies to cater some component under Payroll umbrella.
- 3-year experience on eLearning domain applications to cater the online Tanning and online education along with online Exam.

Roles and Responsibilities:

- Preparation of SDLC documents, like WBS, SRS, SDD, Unit Test cases, System Test cases, Integration Test cases, and User manuals.
- Analysis and development of system based on the SDD.
- Construction of application as per design specification.
- Creating database objects, like tables, stored procedures, SSIS packages as per requirement of system.
- Release and maintaining application, TFS.
- Providing support during UAT and defect fixing post UAT if any.
- Performing role of Defect Prevention Analyst in project.
- Preparation of various documents related to CMM-I processes.

Technical Certification and Trainings

- Microsoft Certification in .NET framework 2.0 (MCP)
- Organization Internal training on Windows Communication Foundation (WCF)
- Attended Training on Team Foundation Server (TFS)

Education Vitals

- MCA (Master in Computer Application).
- B. Com (Hons.), University of Delhi
- CATS (.NET Framework 1.1) from NIIT

Tools Knowledge

- **Microsoft Technologies:**
 1. **Project Management:** - VSS, Team Foundation Server (TFS)
 2. **Business Intelligence Tools:** - SSIS, SSRS
 3. **Programming Language:** - C#.NET, AngularJS, MVC, LINQ
 4. **Database Connectivity:** - SQL SERVER 2008/2012 (used in all product developed as back end)
 5. **Webservice:** REST API, WEB API and OData API integration. SOAP Web Services.
 6. **Script:** jQuery and JavaScript.
 7. **No Sql:** MongoDB.
 8. **Object Relational Mapper (ORM):** Entity Framework 6.0
 9. **Cloud Computing:** AWS and Microsoft Azure
- **PM SMART (CMMi Implementation):** - PM Smart is an internal tool developed to follow the practice of CMMi process and guidelines for change management and new product development.

Career Growth Chart

- **Solution Architect: Flexsin Technologies Pvt Ltd, Sector - 63, Noida (Feb 2018 – Till Date)**
- **IT Manger:** Religare Health Insurance, Gurgaon (July 2016 – Dec 2017)
- **Technical Lead:** HCL Technologies Ltd, Noida (Jan 2014 – July 2016)
- **Senior Software Engineer:** HCL Technologies Ltd, Noida (Jul 2012 – Dec 2013)
- **Software Engineer:** HCL Technologies Ltd, Noida (July 2010 – Jun 2012)
- **Senior Developer:** CEPM Pvt Ltd, Noida (Jun 2009 - Jun 2010)
- **Software Developer:** CEPM Pvt Ltd, Noida (Mar 2007- Jun 2009)

PROJECT EXPERIENCE – Surya Inc Pvt Ltd.

- **Rugs/Home Furnishing:**
 - A web-based ERP solution that helps to streamline the routine the Material Issue, Manufacturing the Carpet and Detaching the Finished Product to the Customers.
 - The Process starts from the Design of the Carpet and Issue of Sales order and once the sales order is confirmed the issue of material to the Job Worker to complete the Order and then raise the Invoice for the payment of their work and once the finished product is done then the same is send to the packing division and all the finished product is despatched to the customers.

PROJECT EXPERIENCE – Religare Health Insurance Pvt. Ltd.

- **Propero:**
 - A web-based solution that helps to streamline the routine administrative processes and ensure the smooth process of all the New Business and Renewal of all the Policies
 - The Branch Operation and The Central Operation Uses this tool for the business purpose.
- **Document Management System [DMS]:**
 - A web-based solution that helps to streamline the document storage for all the Claims and Proposal
 - Omni Scan and Omni Doc are the tool which manage the DMS Application.
- **Favio:**
 - A web-based solution that helps to streamline the routine administrative processes and ensure the smooth process of all the Travel Related Policies.
 - The Register Agent can use this site to book the Travel Related Police and also the Endorsement for Travel related is updated from Favio.

PROJECT EXPERIENCE – HCL Technologies Pvt. Ltd.

- **Exit Management System [EMS]:**
 - A web-based solution that helps to streamline the routine administrative processes and ensure the smooth separation of the employee from the company. The system has a predefined workflow for submitting, approval of resignations online. The system has a predefined workflow from Initiation of resignation to F & F (full and final settlement) and connects the various stakeholders involved in the process providing visibility and traceability.
 - Access to critical employee details like employee lifecycle history, i4excel inputs, employee's feedback on company & Manager, opinion poll ratings, SSDs raised by employee, 360-degree feedback, RDS & Qpeds will be available in one place to relevant decision makers. Report analytics in the form of Dashboard with graphical analysis will be available for better management and control.
- **Deployment Allowance [DA]:**
 - To cater the component of DA allowance under payroll umbrella this system was developed using Microsoft technologies to enable the policy for Delivery Units based on their bench period and other organizational parameters.
 - WCF used to sharing the data with the parent portal.
- **Head Count Validation [HCV]:**
 - The Headcount Validation exercise is required on yearly basis to establish the fact that employees on rolls of HCLT are actually present in the Organization and that the payroll being made by the Organization is in respect of these valid employees only. So we need to automate the HCV process to reduce the gaps and challenges we faced in manual HCV exercise.
 - The Head count validation is a pure head count check and there is no audit exercise of payroll leakage clubbed with this exercise.

PROJECT EXPERIENCE – CEPM Pvt Ltd

- **Microsoft Project:**

- Microsoft Project® Professional Online Training Website. The Microsoft® Project 2007 online training program is designed to support project management professionals willing to enhance their proficiencies in the use of Microsoft® Office Project 2007 to efficiently initiate, plan, execute, monitor and control and close projects
- **Discussion Forum - [http:// forum.pmguruonline.com](http://forum.pmguruonline.com)**
 - This is an open Forum for Project Management professional where people can Post and Answer others query, can chat online. The members can download, read and rate the articles etc. Online Chat is one the mail feature of Forum.
- **Website Project – pma-india.org**
 - Objective of this project is to develop PMA website with good look and feel and more functionality like Discussion forum, Customized Menu, Role wise Authorization, Online Payment of fees, Dynamic news, Member Search.
- **CIPM (XML)-Desktop (Certificate in Project Management):**
 - CIPM-XML is a portal developed to provide knowledge to the whole world about Project Management. It is a limited hour course meant for a single user and will run on local web server. Its main advantage is no database is required. It contains modules like eLearning Content, Q/A, Test, Time Distribution.
- **CCPM (Critical Chain Project Management) eLearning portal:**
 - CCPM is an eLearning portal developed to provide knowledge to the whole world about Critical Chain Project Management. It is a limited our course the time limit for this course will be (35-50 hr).

Roles and responsibilities

As **Technical Architect/Sr. Technical Lead [Feb 2018 – Till Date]**

- Requirement gathering from the different division and also analyzing the requirement raised.
- Providing the BRD document and getting signoff from the different division heads.
- Preparing the WBS and the effort Estimation as Per the ISO Standard (Tool used JIRA).
- Doing QA and Code review before the UAT.
- UAT Assistance with the user for signoff.
- Moving the changes to the Staging for sanity Testing.
- Move the same on Production after CR documentation is done.

As **IT Manger [Jan 2016 – Dec 2017]**

- Analyzing user requirements and provide the proper solution for the requirement to the development Team
- Provide the BRD document will the entire requirement along with the DFD and all other Technical details.
- Preparing the WBS and the effort Estimation as Per the ISO Standard.
- UAT Assistance to the business user for the smooth deployment of the CR on the Production

As **Technical Lead [Jan 2014 – July 2016]**

- Defining logical design to support enterprise information needs, ensuring efficient, effective distribution of database resources and creating design specification and architecture for Sales and Finance portals.
- Preparing Effort Estimates, Master Schedule and detailed WBS and following CMMI guidelines for all aligned project deliverables
- Work out technical design of the web Application system according to the functional and non-functional requirements.
- Ensuring design is technically coherent and future proof and the overall solution is fully optimized that succeeds vulnerability assessment.

As Sr. Software Engineer/Software Engineer [July 2010 - Dec 2013]

- Analysing user requirements and Designing, developing and implementing critical applications in a .NET environment.
- Researching, designing and writing new software programs for Web Applications and Master Data Management.
- Writing systems to control the scheduling of jobs on a SQL Server and building ETL programs for SAP Master Data Management published for Enterprise Web Applications

Roles and responsibilities as CMMi committee member and Project Quality Analyst

- Prepared PowerPoint slide to present on 'Verification' process area of CMMi Level 3.
- Presented the 'Verification' process Area to the KPMG auditor successfully
- Attended workshops for CMMi Level 3 process areas and their implementation
- Guided project teams to achieve and implement CMMi in their projects
- Project Quality Analyst for all my projects.
- Conducting periodic audit within team and across team as a quality auditor

Achievements and Awards

- INNOVATER Awards for FY 2013-2014
- Core group member of CMMI Implementation committee in Delivery Unit.
- Best Project Quality Analyst Award for FY 2012 – 2013
- Technical Panelist for Organization level Interview Drives.