**Nishant Agrawal**

*Technical & Solution Architect*

**A programmer and leader having skills and experience in business modeling, pre-sales consulting, technical analysis and design, improvising algorithms and better use of data structures.**

Currently working as Technical nd Solution Architect for Airline Domain, at Nagarro, Gurgaon.

Highlights:

* **5 years’** experience as Architect.
* Total of **11** **years’** of experience in Java design and development, primarily in **Enterprise** **Integration**.
* Exposure to **B2B**, **Insurance**, **CRM**, **Asset Management**, and **Airlines** domains.
* Work with business and technical teams and propose technical solutions.
* Provide design consultations to client teams.
* Assist pre-sales teams with technical solution and effort estimation.
* Propose, design and deliver integration solution for a leading European Airline.
* Conceptualized, designed and delivered search-based web app for a startup.
* Delivered **multiple agile projects** using Test-Driven development.
* Tuned **performance and migrated clustered** applications on Weblogic and JBoss servers.
* Developed framework services like **caching / pooling / messaging**.
* Certified in **LOMA 280** (Life insurance), and **Scrum Master** (Scrum Alliance).
* Part of code quality / hiring-staffing / appraisal / change management initiatives.

Tools / Technologies:

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| * Core Java, Concurrency, Algorithms, and Data Structures, Akka |
| * EJB - 2.1 / 3.1, Spring DI / AOP / JPA / MVC / Security – SAML & ACL, Struts |
| * Hibernate, Ajax, Appfuse, Lucene / SOLR, Apache HTTP Client with SSL. |
| * Web Services – SOAP & REST, LAMP, Esper, Drools, XML Beans, Castor, Jersey, Apache-CXF |
| * Weblogic 8.1 / 9, JBoss 5, Websphere 5.1, IBM Message Broker Toolkit. |
| * Hornet MQ, Active MQ, JBoss Messaging, Weblogic JMS. |
| * JUnit / JMock, Checkstyle, Emma, PMD, Cruise Control. |
| * Oracle 9i, Postgres, MySQL. |
| * Unix (HP-UX), Linux (Ubuntu / Red Hat). |
| * PVCS , SVN, Accurev, Maven, Git, TFS. |
| * Enterprise Architect, MS Visio, MagicDraw. |

Education

**Master of Computer Sciences and Application**, 2004, Aligarh Muslim University (75%).

**Honors in Physics**, 2001, Aligarh Muslim University (66%).

Professional Experience

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| * **Nagarro, India.** | Sep ’14 to date | [Architect](#_Nagarro,_Gurgaon_Aug') |

Assist pre-sales team with technical solutions and estimations.

Understand requirements and propose solution independently and sometimes in collaboration with client technical teams.

Work with development teams in proof-of-concepts, implementation, and delivery.

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| * **Sapient Consulting India.** | Sep ’12 to Aug ‘14 | [Manager Technology](#_Sapient,_Gurgaon_Sep') |

Design and code solutions for complex problems. Provide technical leadership to Fixed Income platform development team (front-end trading application) of a leading asset management company. Review effort estimates and prepare release schedule for various tracks within team of 9 engineers and provide them with direction in their respective modules.

Contribute individually to automation of trading over FIX desks. Improve performance and maintenance by application of better algorithms and data structures.

Responsible for performance review and compensation distribution for development and quality assurance engineers.

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| * **Infogain Pvt. Ltd., India.** | July ’11 to Sep' 12 | [Associate Consultant](#_Infogain_,_Noida) |
| Nov. ’08 – Jun. ‘11 | [Assistant Consultant](#_Infogain) |

Technical Architect for Enterprise Integration Group and offshore lead and architect for a team of 6 engineers. Managed two J2EE integration project cycles for Mitchell International, using Agile. Involved cross-functional teams and delivered on schedule. Responsible for scrum, design artifacts, development plan, estimation, performance tuning, resource allocation, reporting and hiring.

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| * **CoreObjects India Pvt. Ltd, India. (Now Symphony)** | Oct. ’07 - Nov.’08 | [Product Engineer](#_CoreObjects,_Noida_) |

Lead engineer for a team of 3 engineers (2 Dev. and 1 QA). Responsible for technology selection, requirement analyses, design, development, review, and co-ordination with geographically dispersed teams for Zubican - a US-based startup.

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| * **Computer Sciences Corporation, India.** | Jun. ’07 – Oct.’07 | [Sr. Sw. Engr](#_Computer_Sciences_Corporation) |
| Mar. ’06 – Jun.’07 | [Software Engr](#_Computer_Sciences_Corporation). |

Development engineer for Infrastructure Components team responsible for development of core Java/J2ee reusable components. Delivered enterprise integration framework for healthcare product and highly concurrent system for healthcare product of DST Healthcare Solutions.

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| * **Infogain Pvt. Ltd., India** | Jan.’04 to Mar.’06 | [**Software Engineer**](#_Infogain,_Noida_) |

Developer on Image and Printing Group (Hewlett Packard) to provide integration solutions for CRM applications. Involved in development of new applications and porting, refactoring, and performance tuning of existing applications.

Awards

**Most Valuable** Player, Mitchell International, US.

**Best Employee** at various positions.

Significant Projects

## Nagarro, Gurgaon Aug' 14 - date

Title: Flight Operations.

Client: Lufthansa

Details: Migrate existing Meal and Crew Management systems.

Technologies: JDK 7, JEE 6, Red Hat EAP 6.3.1

CDI, Quartz, Spring Transactions, JPA / Hibernate, Hazelcast Cache, Apache CXF, JUnit / JMock, Maven, Hibernate, Jenkins

Role: Solution Architect for Program, and Technical Architect for project.

Responsibilities:

* + - * + Participate in requirements workshop with client teams.
        + Conduct design workshop onsite and off-shore.
        + Propose system design and estimation.
        + Review requirement specifications and interfaces.
        + Create framework components.
        + Unblock development team in complex tasks.
        + Do proof-of-concepts and define interface boundaries.

## Sapient, Gurgaon Sep' 12 - Aug’ 14

Title: Trade Flow Automation.

Client: Wellington Management Company

Details: Partial / full automation of trading to allow traders to focus on complex trades.

Technologies: Core Java, Akka, Spring DI / Data / AOP, Security, Esper, Active MQ, JUnit / JMock, Maven, Accurev, Hibernate

Role: Technical Architect and project lead for automation track.

Responsibilities:

* + - * + Provide code solutions for complex / critical modules.
        + Negotiate features, scope, and workflows with trader / desk.
        + Responsible for release planning and delivery.
        + Involved in prototyping, coding, and design.
        + Writing high-level and low-level design documents.
        + Review code and design artifacts.
        + Base lining of performance.
        + Annual appraisal of team and impart organizational training.

## Infogain, Noida Nov’ 08 - Sep’ 12

Title: Enterprise Integration Group

Client: Mitchell International, US.

Details: Storage, Management, and Retrieval / Delivery of Auto Insurance Claims using workflows.

Publishing and Delivery mechanism for Assignments / Estimates over RESTful.

ACSC Integration.

Technologies: JDK 5, EJB, Weblogic Server and WLI, JBoss, JMS, Hibernate, Spring, JPA, XML Beans, C#, RESTful WS, JUnit / JMock, Ant / Maven

Role: Technical Architect and project lead.

Responsibilities:

* + - * + Offshore Product Owner for all integration artifacts.
        + Responsible for release planning and delivery.
        + Involved in coding and prototyping.
        + Selection of various tools, convert use cases to test cases, and writing high-level and low-level design documents.
        + Review code and design artifacts.
        + Tune performance, and analyze code quality.
        + Annual appraisal of team and impart organizational training.

## CoreObjects, Noida Oct’ 07 - Nov’ 08

Title: Zubican.

Client: Zubican Inc.

Details: Business networking community web app for North American companies.

Technologies: Struts, Spring, Hibernate, Sitemesh, Maven, SOLR/Lucene, AJAX, and JUnit.

Role: Designer, Developer, delivery coordinator.

Responsibilities:

* + - * + Assist entrepreneur clients in refining MRD/PRD.
        + Involved in coding and prototyping.
        + Selection of various tools, and updating design documentation on project Wiki.
        + Review code and analyze code quality.
        + Implement continuous integration using Cruise Control, and tune search index.
        + Integrate Ads in web app, and tune for SEO.
        + Annual appraisal of team and impart organizational training.

## CSC, Noida Mar’ 06 – Oct’ 07

Title: Integration.

Client: DST Healthcare Solutions.

Details: Development of core services like Cache, Scheduler, Logging, and Integration.

Developed custom multi-threaded caching framework.

Technologies: Message Broker Toolkit, Core Java, JMS, Websphere AS, and MQ Series.

Role: Developer.

Responsibilities:

* Code development and prototyping.
* Involved in low-level design, code review.
* Analyze and report code quality of various projects.

## Infogain, Noida Jan’ 04 - Mar’ 06

Title: Event Management Framework / ASTRO 2.

Client: Hewlett Packard.

Details: Integration project for managing sales and consumer events generated / consumed by various CRM applications in HP and Microsoft.

Integration of SAP modules with J2EE (JMS/JMX) framework to publish events.

Technologies: Weblogic 8.0, Java Messaging (JMS), EJB 2.0, Hibernate, JMX, Castor, HTTP Client (2-way SSL).

Role: Developer.

Responsibilities:

* Coding and prototyping.
* Update low-level design document, and peer review of code.
* Defect prevention coordinator and source control admin.
* Tune performance of application.

Personal Details:

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| **Name:** | Nishant Agrawal |
| **Date of birth:** | April 22, 1980 |
| **Mail ID/Cell:** | XNA2014@gmail.com / [NISHI.IN@gmail.com](mailto:NISHI.IN@gmail.com)  9899 469 686 / 8447 742 770 |
| **Visa:** | Valid US B1 visa, |
| **Address:** | A-703, Janak Apartment, Plot No12, Sector 18A, Dwarka, New Delhi-75 |
| **Status:** | Married |
| **Current Employee** | Nagarro India, Gurgaon, India |