# Gaurav Mandavgade

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**Professional Summary**

* **16 years** of extensive experience in **Enterprise Application Integration (EAI) domain, SOA / Middleware based environment** and Java/J2EE technologies,
* **13 years** of experience as **Management Consultant** in **leading and managing teams** responsible for **defining systems and applications integration architecture, build, deployment, delivery and management of large-scale applications** during **15 major transformation, transition and integration programmes** for major clients.
* Progressive experience in

Architecture domains and **Enterprise Architect** role with major Swiss & Nordic financial organization.

ITIL principles- **service design, delivery, transition and operations.**

Data and Application – migration, transformation and re-platforming to Cloud platforms (Public and/or Private).

* I have practiced quality processes involved in the defining, designing interfaces, integration and delivery of EAI projects, as Middleware/ Systems /Integration Architect and Technical Lead.
* Experience of gathering customer business requirements and defining topologies, functional specifications, business processes, configuration items, build, deploy path-to-live environments to implement End-to-End solution.
* Experience of large Data Transformation, Data Migration, Business Analytics and Reporting, Configuration Management Systems, Monitoring tools and Performance tuning aspects of the delivered services.
* Experience of maintaining relationship withmultiple 3rd party vendors involved in design, development and support for services at technical level, resource management and decision making stages.
* Strong work ethic, self-motivated, innovative, quick learner, performer under pressure,self-starter with a proven record of accomplishment of exceeding expectations and arriving at innovative solutions.

**Accreditations**

Zachman Certified – Enterprise Architect

TOGAF 9 Certified

**Skills**

* TOGAF 9.1, Zachman Framework, SOA, Microservices, APIs, DevOps and Agile Methodologies.
* IBM Rational Software Architect, Sparx Enterprise Architect, ServiceNow Fiji/Geneva, IBM API Connect Suite
* Oracle SOA Suite 11g, Oracle BPM Suite 11g, Oracle IDM Suite 11g, Oracle BPM Process Composer
* Oracle eBusiness Suite 11i / R12, Oracle Fusion 11g (Oracle Web Portal, Oracle Weblogic Server 10/11g), OBIEE
* Intalio BPMS 6.2, MuleSoft ESB 3.0 , WebServices, WSDL, BPEL
* Solaries 9/10, Red Hat Enterprise Linux, NoSQL (Apache Cassandra DB), Big Data– Apache Hadoop/Spark/Pig/Hive
* Oracle 8i/10g, SQL Server 2005/2008, MySQL, LDAP, Active Directory
* Sun SeeBeyond ICAN 5.0/5.0.4/5.0.5 (Enterprise Designer,e\*Insight,e\*Xchange) [now part of Oracle SOA Suite 11g]
* Sun SeeBeyond eBI Suite 4.5.2/4.5.3 (e\*Gate, e\*Xchange, e\*Insight Business Process Manager {now OracleBPM})
* Sun JCAPS 5.1/6, Sun JES 8.1, SunONE Application Server 7, Sun Identity Manager 6.0/8.1
* IBM WebSphere Application Server v7, BEA Weblogic 8.1, Apache Tomcat, Windows IIS 7.0, JBOSS Middleware.
* J2EE (Java, JSP, Servlets, XML, XSLT) , Hibernate, UML, ITIL Practices.
* Citrix. VMWare, Virtual servers in Solaris and Windows environment.
* HL7 Version 2.3/2.3.1/3.0, HIPAA Transaction Sets, X12 EDIFACT, Sybase/Neon/CAI
* Concurrent Version Systems (CVS), Starteam Version Control, Mercury Test Director, Quality Centre, Remedy 7, Hector, Assyst, HP Openview, Opsware, Clearcase 6/7, Datawarehouse, Business Objects.

**Recent Assignment**

**Customer Solutions: Multi-Channel Banking Platform**

**Client – DNB Group [Den Norske Bank/The Norwegian Bank], Oslo, Norway Feb 2017 – Jul 2019**

DNB is Norway's largest financial services group and one of the largest in the Nordic region in terms of market capitalisation, and is one of the world’s leading shipping banks and has a strong position in the energy sector, and the fisheries and seafood industry.

Multi-channel covers solutions provided to customers, partners and employees for all business areas of the DNB Group. This includes portals, content management, web solutions, mobile apps and legacy channel solutions.

As part of Multi-Channel Banking platform initiative within DNB Group, 93 core integrations needs to be migrated from existing Intel Security Gateway to IBM API Connect Suite. This includes define expose legacy applications functionality as API to be consumed by numerous applications internally, partners, vendors and customers to achieve seamless user experience.

**Role:**  **Consultant – Lead Architect – EA & API**

**Responsibilities: -**

* Define architecture standards and guidelines (design principles, reusable components, design patterns).
* Responsible for designing the functional, technical & physical architecture of an Omni-Channel Banking Platform.
* Proactively identify and evaluate emerging technologies and tools.
* Collaborate closely with Enterprise Architects to ensure alignment of Information, Application and Technology architecture to the overall enterprise architecture principles and framework.
* Lead solution design reviews and technical design reviews, ensuring that projects are following agreed corporate strategic direction and alignment to architectural standards and patterns.
* Advisory role for multiple projects and assist with Pre-sales responsibilities, create, plan, size the resources required to execute the project.

**Environment:** IBM API Connect Suite, Intel Security Gateway, AWS

**Work Experience**

1. **TechNow – Cloud based ServiceNow SIaM Implementation**

**Client – Department for Work and Pensions, UK Aug 2015 – Jul 2016**

ServiceNow offers a portfolio of cloud-based applications that automate and manage IT service relationships across the enterprise. These applications are on single cloud platform consisting of one user interface, one code base and one data model. TechNow aligns strategically with the DWP design principles to provide a fully Cloud based Service Integration Platform. The applications required by DWP are natively interconnected within the single data model, follow ITILv3 best practice and offer a highly standardised interface for rapid integration.

The SIaM functionality required by the DWP equates to applications built on this core platform. This single technology approach will also fit the requirement for the DWP to become fully self-sufficient, without having to source and retain specialists in multiple products or components.

**Role:**  **Consultant – Senior Digital Architect**

**Responsibilities: - Architect and Implement Cloud based Service Integration Platform**

* Provide technical leadership for new proposals and existing projects inclusive of analysis, requirements definition, architecture, design, validation, implementation, problem identification, and resolution.
* Define business requirements and design applications accordingly.
* Design mechanism to extract, transform and load entire Asset and Configuration Items estate to cloud based service integration platform.
* Define and implement interface for 3rd party applications to connect, exchange Incident and Request Management.
* Collaborate with Enterprise Architects counterparts from 3rd party vendors and align strategy and solutions.

**Environment:** ServiceNow Fiji/Geneva, AWS, uCMDB, HPAM

1. **SmarTiS – Smart Ticketing System**

**Client – AtoS UK / Transport for Greater Manchester Apr 2015 – Jul 2015**

Transport for Greater Manchester (TfGM) is undertaking a major programme to introduce a ‘smart’ ticketing (using a smartcard rather than paper tickets), The Stage 1 contract covers just Metrolink (trams).

The solution will implement a smart ticketing infrastructure, which supports smart tickets and products conforming to the ITSO standard. The Service will also support the use of contactless EMV cards for Tram travel, providing a PCI DSS compliant channel for recording travel and claiming payments for journeys.

**Role:**  **Consultant - High Level Design & Architecture**

**Responsibilities: - Architect, Design high level processes, components & applications for SmarTiS Solution.**

* Define strategy & roadmaps to align between business & technology, solution architecture & overall design of the solution.
* Establish strategy for the selection of systems architecture components, and co-ordinates design activities, promoting the discipline to ensure consistency.
* Review existing logical and physical data environments to understand the "as is" environment.
* Lead the design reviews to ensure that all solutions align to pre-defined architectural specifications and quality guidelines.

1. **Digital Private Bank - CARAT & CHEOPS**

**Client – Credit Suisse, Zurich, Switzerland Oct 2013 - Apr 2015**

CARAT (Credit and Risk Analysis/Approval/Administrative Tool) is an application Suite for Credit Risk Management.

The various applications within the suite used to handle process and manage loans throughout the Credit Evaluation Process Chain. CARAT allows Credit Risk Management (CRM) to facilitate and approve credit limits appropriate to the strength and standing, monitoring, mitigating unacceptable risk and working out distressed credits.

**Role: Consultant -** **Enterprise Architect – Credit Risk Operations**

**Responsibilities: - Design and define Credit Evaluation processes & integration of CARAT applications.**

* Defining migration strategy for various CARAT applications from IBM WorkFlow Infrastructure to Oracle BPM.
* Design Business processes for CARAT components, how they interact with each other and various measures to optimise the structure to provide Relationship Managers and Credit Risk Specialist with better way to access risk.
* Define Technical and Application Architecture for CARAT Applications for Corporate & Private customers.
* Collaborate with Business Owners and Technical Owners to consolidate progress at every stage to assure governance.
* Review and assure Architects’ designs from Workflow Competency Centre, are fit for purpose.
* Review and provide input on proposals from an architectural perspective including feasibility, practicality, technical viability and consistency. Liaise, review Infrastructure design for all the environments and define Path-to-Live approach.
* Interaction with key stakeholders, managing their expectations and assuring the correct process are implemented and governance been adhered to “deliver what’s required, when it’s required”.

**Environment:** Oracle Fusion 11g ( Oracle SOA Suite 11g, Oracle BPM Suite 11g, Oracle JDeveloper 11g ), Oracle Identity and Access Management Suite 11g, OBIEE, Data Warehouse, Sparx Enterprise Architect, Oracle BPM Process Composer. Amazon Web Services (Public+Private cloud implementation), DevOps and Agile Methodologies.

1. **Digital eInvoicing System – Procure-to-Pay**

**Client – NHS Shared Business Services / Steria Ltd. Jan 2013 – Oct 2013**

NHS Shared Business Services (NHS SBS) is a unique joint venture between the Department of Health and Steria.

NHS SBS is a market leader in business support services for NHS Trusts and Organizations, and offers a wide range of

innovative and reliable back office services to more than 40% of the NHS delivering operational efficiency, real cash

releasing savings and added value services, such as, Finance & Accounting, Payroll & HR, Procurement and Family Health

Services

**Role: Consultant - Technical Architect – Middleware / Integration**

**Responsibilities: - Design eInvoicing and OCR solutions for Oracle R12 Procure-to-Pay**

* Define Technical architecture, design at high level and detailed level, integrating ERP systems with third party cloud solutions using integration tools and techniques, including SOA, WEB services, ESB, Oracle Integration Repository
* Produce design for the integration of an existing transactional e-Invoicing system with multiple Oracle eBusiness Suite R11 & R12 instances and supporting third party tools.
* Assist business and eInvoice supplier with the design of an OCR solution, which will integrated into the eInvoice solution at the eInvoice solution level. Development of business case be ensuring all technology and IT costs are identified.
* Provide guidance to business client & positively influence in decision making to choose a product for implementation, such as Intalio BPMS, MuleSoft ESB.

**Environment:** MuleSoft ESB 3.0, Intalio BPMS, Oracle eBusiness Suite 11i/R12, Oracle RAC, RHEL 5.0, Vmware**,** AWS

1. **Universal Credit – Department of Work and Pensions**

**Client – DWP / Accenture UK / ATOS Sep 2012 – Jan 2013**

Universal Credit (UC) is a new single payment for people who are looking for work or on a low income. It will help claimants and their families to become more independent and will simplify the benefits system by bringing together a range of working-age benefits into a single streamlined payment.

The new UC system announced & aimed to improve work incentives, smooth the transition into and out of work, simplify the system, and cut back on fraud and error. It will replace income-based job-seeker’s allowance, income-related employment and support allowance, income support, child/Working tax credits and housing benefits.

**Role: Integration Architect – Middleware/Solutions**

**Responsibilities: - Architect, design, define, integrate & performance tuning of middleware stack.**

* Maintenance, configuration, installation and build of application delivered by IBM and in-house applications developed by Accenture.
* Re-define and optimisation of existing business processes to reach to achieve efficient, desired outcome based on claimant's interview.
* Performance tuning of middleware stack based on integration suites by different suppliers, adhering to SOA standards.

**Environment:** Red Hat Enterprise Linux & JBOSS Middleware, Oracle Fusion 11g (Oracle Weblogic 11g) , IBM WebSphere Application Server v7, Clearcase 6/7, MS-SharePoint

1. **Barclays Cycle Hire Scheme, London**

**Client – TfL/Serco Solutions Ltd. /Shiftpoint Ltd. UK May 2010 – July 2011**

Barclays Cycle Hire (BCH) is a public bicycle-hiring scheme for central London across an area that corresponds approximately to London’s central fare zone, zone 1.

The scheme introduced 400 docking stations in this zone, which provide approximately 10,000 docking points and 6,400 bicycles available to hire. The scheme encourages users of the London travel system to use these bicycles as an alternate green form of transport for short journeys across London zone 1.

**Role: Consultant - Senior Systems Integration Analyst**

**Responsibilities: - Design and Deliver an integrated solution by integrating MetraNet, 8D systems &**

**applications developed by Logica.**

* Design environments – Design, deployment and delivery of configured 3rd party applications (MetraNet, Remedy 7, LAGAN, and 8D Systems) in test and production environments, build disaster recovery site.
* Responsible for application infrastructure design and service architecture
* Undertook proactive monitoring of live service incidents & perform thorough investigation of underlying problems to suggest changes to service architecture.
* Impacting CCNs from design and architecture perspective and liaising with offshore partners in delivering the CCN

**Environment:** MetraNet, 8D System, Windows IIS 7.0, Web Services , Red Hat Enterprise Linux, SQL Server 2005, MySQL, Remedy 7, Apache Tomcat, VMware, Solve/SE Logic Group Solution for PCI DSS, BMC Patrol, LAGAN, ITIL principles

1. **BT – SPINE, NHS Care Records Service**

**Client - NHS / BT Global Services, Leeds, UK Aug 2006 – Apr 2010**

The SPINE programme will enable the production of a patient record database that will hold electronic summary patients records for around 48 million people in England. It will provide basic demographic and clinical information across the country as patients move between hospitals, general practices and other care settings. The Spine will enable the first digital patient record in England.

**Role: Consultant - Technical Lead - Deployment, Build and Systems Integration.**

**Responsibilities: - Integration of 16 custom applications supplied by various 3rd party vendors.**

* Application Deployment – deploying in-house and 3rd party applications into complex environments (path-to-live and production environments) by following proper change management process adhering to ITIL practices.
* Troubleshooting - to identify problems and propose both tactical and strategic solutions within Application and Infrastructure domains. Implementing solutions in Live systems to maintain high availability of service.
* Design and Deployment - providing expertise and opinion on proposed technical architecture, design, development and deployment strategies.

**Environment:** Sun JES 8.1, SunONE Application Server 7, Sun Identity Manager 6.0/8.1, Sun Portal, SeeBeyond ICAN 5.0.5/JCAPS 6, BEA Weblogic 8.1, Solaris 9.0 / 10, IBM WebSphere v7, Quality Center, Test Director, HP Openview, TOPAZ, Opsware, Oracle 8i/10g. LDAP,

1. **NIE T&D Market Messaging Solution Apr 2006 – Aug 2006**

**Client – NIE (Northern Ireland Electricity) / Northgate Information Solutions, Belfast, NI**

The solution developed for NIE for day-to-day billing data transfer between the market operator, and the other market participants.

**Role: SeeBeyond ICAN / eGate Consultant**

**Responsibilities: - Design, define a gateway to integrate Market Participants to interact with NI Electricity.**

* To tune the system and make it efficient to ease the transformation and flow of messages as expected.
* Setting up the Test and Production (Live) system in place.
* Conducting and maintaining Market Participants End-to-End testing of the deployed solution.
* To optimize the solution to perform at its best by taking all the performance tuning measures and carrying out configurable changes.
* Enhancement of the existing solution following change-request or additional new requirement.

**Environment:**  JCAPS 5.1, SeeBeyond ICAN 5.0.4 (e\*Insight BPM, e\*Xchange), SRE 5.0.4 (e\*Gate, e\*Xpressway)

1. **CSC Automation**

**Client - Colchester Borough Council / Serco Solutions, Colchester, UK Dec 2005 – Feb 2006**

The project is about automating the currently existing mechanism of logging a call with Colchester Borough Council's CSC (Customer service centre), for the users in order to register any complain or queries with regards to various services provided by the council.

**Role: SeeBeyond ICAN Consultant**

**Responsibilities: - Integrate in-house legacy and SAP system to deliver efficient solution.**

* To involve in various meetings and discussions with client manager and others to provide status updates about the scheduled deliverable and their progress.
* To involve in discussions with partner firm associates to get everything in the project scope clarified and implemented as per the specified requirement.
* Act as a lead to get the solution implemented based on the functional and technical specification by providing technical advice to the team and set up development, pre-production, test and Live boxes.

**Environment:**  SeeBeyond ICAN 5.0.5 (eDesigner BPM), Siebel 7, Business Web Achieve Forms, Flare

1. **BT Capital Care Alliance (NHS/BT, London LSP)**

**Client - NHS / BT - CCA, London, UK May 2005 – Oct 2005**

The BT Capital Care Alliance (CCA) is the Local Service Provider for the London cluster of NHS Connecting for Health and is responsible for helping the NHS deliver their new Care Records Service across the capital. The NHS Care Records Service is a secure, integrated healthcare information system containing electronic care record for every patient.

**Role: SeeBeyond Consultant**

**Responsibilities: - Integrate, relay, monitor, deploy and maintain 6 applications in production environment.**

* To enhance and maintain the live systems in-place for London LSP, including CHIA (Child and Community Health Interim Application), Integration Engine and Portal.
* Leading a team to analyse, trouble-shoot and resolve the incidents related to live applications.
* To perform all the activities like installation of WebSphere & Weblogic Appservers, deploy application, apply patches, make configuration changes on the production and non-production servers.

**Environment:**  SeeBeyond e\*Gate 4.5.3, Weblogic 8.1, IBM WebSphere v6.1, Assyst, Java

**Summary of Other Projects**

**March 2003 to October 2004 –** worked as Technical Team Lead & SeeBeyond Consultant.

1. **NHS / BT – Syntegra, Leeds, UK,** - SeeBeyond e\*Gate 4.5.3, SeeBeyond ICAN Suite 5.0.5, Eclipse 3.0, Java, HL7 v3.0.
2. **“Sutter Health, Sacramento”** for **“CAI to e\*Gate Migration”** -SeeBeyond e\*Gate 4.5.3, HL7, Java.
3. **“Cloverleaf, CAI to e\*Gate Migration”** for **“Texas Health Resources (THR), Arlington, Texas, USA”.** - SeeBeyond e\*Gate 4.5.3, HL7 v2.3/2.3.1, Java.
4. **BPEL Importer** for **SeeBeyond, USA.** - SeeBeyond toolset ICAN 5.0, Java, XML, WSDL & BPEL.

**March 2002 to February 2003** - Worked as a **J2EE** **Developer** for projects

1. **Siebel UAN Integration** for **SeeBeyond, USA. -** SeeBeyond e\*Insight Business Process Manager 4.5.3, SeeBeyond e\*Gate Integrator 4.5.3, JDeveloper.
2. **270/271 HIPAA Transaction Set** for **SeeBeyond, USA,** - SeeBeyond e\*Xchange 4.5.2, SeeBeyond e\*Gate Integrator 4.5.2, JSP and Servlets, SeeBeyond API kit for JMS.
3. **Intranet Portal** - HTML, JavaScript, JSP, Servlets, Java, php, mySQL, XSQL, Oracle 8i.

**Education**

* **Diploma in Advanced Computing** from C-DAC, Bangalore, India in Jan 2002, **‘A+’ Grade (86.46%)**
* **Bachelor of Science** (Mathematics, Statistics & Economics) in June 2001, Vikram University, India
* **Advanced Diploma in Software Technology & Systems Management** from **NIIT** Ltd in 1998