**Tathagata Dasgupta**

**Cell**: 91-9836644439. **Email**: tathagatadasgupta@yahoo.co.in

**Total Exp**: 12 Yrs. **Notice Period**: 2 Months **Present Location**: Kolkata

**Experience Summary**

* Around 12 years of IT experience, focused on Java, IDM & Application security.
* Ability to understand and analyze domain specific requirements and deliver high quality enterprise-wide architectural solutions and implementation, in addition to proactive initiatives to product releases alongside team management.
* Identify and resolve the dependencies with different application and target Systems for realization of requirements
* Working with various development, operations, and business user teams.
* Perform the impact analysis of the changes needed for the customization of the user interface, workflow, or the business rules components
* Delivered Customers requirement with Provisioning/Life-Cycle Management systems, Reporting and audits on Identity tools
* Managing Information Security professional responsibilities like, identity management, compliance management, solution design, system integration, implementing and deploying solutions using SailPoint IdentityIQ
* Specialization in Designing and Customizing Workflows, Roles, Global and Application Rules, Custom Reports, Quicklinks as well as custom-built security and technology frameworks.
* Managing the status review meetings, excellent communicator, and team co-ordination with ability to understand client requirements and enhance their satisfaction & acquaintance.
* Proven technical leadership skills include the ability to manage the global teams, earn the respect of its members, led by example, and thrive in an entrepreneurial environment. Persuasive verbal and written communication compliment a proven ability to multi-task, maintain an organized approach, and ensure success - even when faced with high-pressure or high-risk situations.
* Decisive, energetic, focused team leader/player who plays his role through implementing change and improvements.

**Degrees and Qualifications**

* Master of Science in Software Engineering from BITS Pilani, India.

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| **Technical Skills** |
| **IDM and Security products** | SailPoint IIQ 7.x, Custom user management tools |
| **Programming Languages** | Java, J2EE (Struts, JSF, JSP, Servlet), Hibernate |
| **Application Servers** | Tomcat, Web sphere 7, JBoss 6 |
| **Front End** | HTML, Stylesheets, XML |
| **Web Services** | REST, SOAP |
| **Scripting** | Java Script, Beanshell, PowerShell, Shell Script, |
| **Database** | SQL Server 2008, MySQL, Oracle 10g |
| **IDE and Tools**  | Eclipse, NetBeans |
| **Operating System** | Unix, Windows |
| **Debugging Tools** |  Fiddler |

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| **Academic Qualification** |
| **Degree Type** | **Name of University** | **Percentage** | **Duration** |
| **MS (SW Eng.)** | BITS, Pilani | 6.92cgpa | 2009-2013 |
| **B.C.A** | Institute of Engineering & Management | 86% | 2006-2009 |
| **12th**  | West Bengal Council of Higher Secondary Education | 68.9% | 2005-2006 |
| **10th**  | West Bengal Board of Secondary Education | 73% | 2003- 2004 |

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| **Employment History** |
| **Duration** | **Name of Organization** | **Designation** | **Job Type** |
| 09/09/2016 – Present | Cognizant Technology Solution | Senior Associate | Permanent |
| 19/01/2015 – 07/09/2016 | Nomura Research Institute Financial Technologies | Software Engineer | Permanent |
| 07/08/2009 – 16/01/2015 | Wipro Technologies, Kolkata | Project Engineer  | Permanent |

**Relevant Project Experience**

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| **Project Name** | **NYU SailPoint Implementation and Enhancement** |
| **Client** | US based University |
| **Duration** | May 2020– Present |
| **Technology** | SailPoint IIQ 7.3, Java 8, MySQL, Tomcat, BeanShell scripting |
| **Project Abstract** | Migrate old project from SailPoint IIQ 6.4 to IIQ 7.3 based solution. Configure Application onboarding, user life cycle management and provisioning for Linux as target system. Key features:* Access request for individual user
* Access request for bulk users
* Update/Extend access for individual user
* Disable access for users
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| **Role** | Senior IAM Developer  |
| **Responsibilities** | Managing Information Security professional responsibilities like, identity management, compliance management, solution design, system integration. It includes,* Understand and analyse requirements
* Create design documentation and organize review meetings
* Application onboarding
* Designing Access Request Workflows for individual and Bulk requests
* Design Workflow for application admins to view pending approval items
* Creating Rules to notify and disable access
* Override OOTB Linux provisioning and write shell script to manage activities in Linux box based on performed operations like CREATE, UPDATE or DISABLE
* Resolve existing production bugs for other onboarded applications
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| **Project Name** | **IAM Satellite - Zurich Insurance** |
| **Client** | Germany based insurance company |
| **Duration** | Oct 2019– Apr 2020 |
| **Technology** | SailPoint IIQ 8.0, Java, Beanshell |
| **Project Abstract** | Migration of old legacy IAM systems to modern SailPoint IIQ 8.0 solution for user management, provisioning, reporting and certification. Key features are Centralized User/Organization management, Application Onboarding, Password management, Automated Provisioning/Reconciliation, UI Branding, Reporting/Auditing.  |
| **Role** | Senior IAM Developer  |
| **Responsibilities** | Responsibility:* Requirement gathering and preparing analysis document
* Providing solutions for complex problem
* Application onboarding and writing connector rules
* Implementing role based target provisioning
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| **Project Name** | **Mt. Sinai SailPoint Implementation and Support** |
| **Client** | US based leading Hospital and Medical School |
| **Duration** | Apr 2018– Sep 2019 |
| **Technology** | SailPoint IIQ 7.0, MySQL, Tomcat, BeanShell scripting |
| **Project Abstract** | SailPoint IIQ 7.0 based solution for user life cycle management and provisioning. Key features are Centralized User/Organization management, Application Onboarding, Password management, Automated Provisioning/Reconciliation, UI Branding, Reporting/Auditing. For the recent modification on Provisioning Solution by PowerShell and focusing on below identity governance modules:* User Life Cycle Management
* User Birth right Provisioning
* User Termination
* Group Membership
* Life cycle events
* Application Onboarding
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| **Role** | Senior IAM Developer  |
| **Responsibilities** | Managing Information Security professional responsibilities like, identity management, compliance management, solution design, system integration, implementing and deploying solutions for largescale enterprise. It also includes,* Understand and analyse domain specific requirements
* Perform the impact analysis of the changes needed for the customization of the user interface, workflow and business rules components
* Review and develop automated scripts
* Working with various developments like Roles, Forms, Global and Application Rules, Workflows, Tasks and Quicklinks
* Production support activities.
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| **Project Name** | **AXA User Management Console** |
| **Client** | APAC based global providers of insurance |
| **Duration** | Sep 2016– Mar 2018  |
| **Role** | Lead Java Developer |
| **Technology** | Java/J2EE (Struts, JDBC), JavaScript, CSS, XML, HTML, REST, LDAP |
| **Project Abstract** | Online UAM solution that covers the range of user profile management (create/update/terminate), authentication, user entitlement management and enforcement requirements, User role management for the several entities. As part of UMC, it is required to provide access to Vendors to different groups. UMC needs a solution for the lifecycle management and provisioning of users to different groups. It also does the vendor management and communicate with SiteMinder for the access management. UMC has multiple other applications which uses LDAP (Oracle) as the user store. |
| **Responsibilities** | * Project Analysis, Design, Developing and Database Design. Deployment of Application on Test and Production Server.
* Implementation of user’s new requirement and modification. Building the web-based application using Struts.
* Used the combination of Action classes, Service classes and DAO to accept data from UI end and forward it to the database and to LDAP.
* Used JavaScript to validate user input and stylesheets to give the webpages desired look.
* At later stage, as part of the Support Team Lead, I have handled many production issues and change requirements alongside the team.
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| **Project Name** | **I-Star SC**  |
| **Client** | Leading Financial Institution based out of Japan |
| **Duration** | Jan 2015 – Sep 2016  |
| **Role** | Senior Java Developer  |
| **Technology** | Java/J2EE (Struts, Spring, JDBC), jQuery, CSS, XML, HTML, REST, JMS |
| **Project Abstract** | I-Star Self Clearing (I-Star SC) service is a web-based tool for providing support on custody solutions. The key focus point of I-Star SC is to perform trade settlement.I-Star SC also provide a back-office solution for brokers and financial institutions, which uses batch processes to perform settlement in a bulk quantity |
| **Responsibilities** | * Building the web-based application using Struts. Accept data from the UI and generate XML messages, which are sent to the JMS queue.
* Write Batch processes, which read messages from JMS queue, read data, write into database and generate new messages.
* As part of a migration project, I have worked on replacing Struts with Spring MVC.
* Introduced Spring Security with form based authentication.
* Have used jQuery to replace regular JavaScript for client side validation and data population.
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| **Project Name** | **Novartis Price Estimation Tool** |
| **Client** | A leading Pharma company |
| **Duration** | Jun 2014– Jan 2015 |
| **Technology** | Java/J2EE (Struts, Spring), JavaScript, CSS, HTML, Hibernate |
| **Project Abstract** | Novartis Price Estimation Tool (NPET) is a web-based tool for estimating future price of a medicine to be launched in the market globally or partially.The objective of NPET is to create a secure pricing simulation & optimization application for assessing the financially optimum country-launch sequence of new products entering the markets and for determining the repercussions of product-specific pricing events across countries for currently marketed products. |
| **Role** | Senior Java Developer  |
| **Responsibilities** | * Building the web-based application using Struts 2 and Spring DI.
* Used the combination of Action classes, Service classes and DAO to accept data from UI end and forward it to the database and SAS engine.
* Used JavaScript to validate user input and stylesheets to give the webpages desired look.
* Used Hibernate mapping and transaction management to interact with database
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| **Project Name** | **Artwork Navigation Tool**  |
| **Client** | A leading Pharma company |
| **Duration** | Apr 2014– Jun 2014 |
| **Technology** | Java/J2EE (Struts, Spring), JavaScript, CSS, HTML, Hibernate |
| **Project Abstract** | Artwork Navigation Tool (ANT) is a web-based tool for the packaging approval process and will replace or minimize the e-mail communication between Global Artwork HOBU and the Regulatory Managers/Artwork coordinators from the different countries.ANT provides the visibility of the packaging approval process. Every user can easily check the artwork status and the corrections at any time. The ANT gives all necessary information about on-going text changes or new presentations in an overview. There is also an archive where all finalized jobs and pack elements are shown with full history from request to approval/good for print. |
| **Role** | Junior Java Developer |
| **Responsibilities** | * Building the web based application using Struts 2.
* Used Tiles to build the box model of the web site and render pages by passing the result through tiles to load only the content part of the page.
* Used the combination of Action classes, Service classes and DAO to accept data from UI end and forward it to the database.
* Used JavaScript to validate user input and stylesheets to give the webpages desired look.
* Used Hibernate mapping and transaction management to interact with database.
* Used Oracle Database and migrated SQL Server data into Oracle DB.
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| **Project Name** | **Q Portal** |
| **Client** | Central Data Service Provider for Britain's gas market |
| **Duration** | Aug 2015– July 2016 |
| **Technology** | Java/J2EE(JSF), JavaScript, CSS, HTML, Hibernate, SOAP |
| **Project Abstract** | A web-based portal for XOServe where a shipper can raise a query regarding gas transportation and later it will get resolved by internal users to provide proper solution |
| **Role** | Junior Java Developer |
| **Responsibilities** | * Developed User Interface and on screen validation with JSF components and implemented end-to-end flow with the help of Java Beans (Controller).
* Implemented portal architecture with WebCenter portal.
* Invoked database calls with the help of Hibernate.
* Communication with BPEL from User interface screen with help of SOAP webservices.
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| **Project Name** | **PWC MIGRATION eGFS** |
| **Client** | Multinational professional services network |
| **Duration** | Dec 2013 – July 2015 |
| **Technology** | Java/J2EE (Struts, JDBC), JavaScript, CSS, XML, HTML |
| **Project Abstract** | eGFS is a gateway to GFS functionality that serves most internal professionals within an organization. eGFS itself is a component (external application) of the organization Portal, which is an aggregation of different Internet initiatives. Therefore, one of the primary targets of eGFS is to integrate with the Portal, which conforms to the vision of the organization to transform into an e-Business.  |
| **Role** | Junior Java Developer |
| **Responsibilities** | * Migrating the application from older system to new system.
* Upgrading the java version of the application and changing code structure wherever needed.
* Rewriting modules to improve performance by minimizing LOC.
* Designing and redesigning webpages using struts1.2.
* Resolving PRs by analysing the code and doing minimal changes.
* Implementing CRs as per the requirement.
* Creating PR and SR documents.
* Designing UTP documents and performing unit testing.
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| **Project Name** | **SS-MYSS-MAINT-SUPP** |
| **Client** | A leading provider of global business and technology services |
| **Duration** | Dec 2012 – Dec 2013 |
| **Technology** | Perl Script, Shell Script, WebSphere 7 |
| **Project Abstract** | MYSS is State Street’s online information delivery portal, provides a secure single point of interaction for investor services client and internal users. |
| **Role** | Junior Support Member |
| **Responsibilities** | * Setup of application servers in DEV, UAT and PROD environments.
* Co-ordinate tickets for deploying code to UAT, PRE-PROD and PROD environments.
* Provided support for carrying out builds, deploying core modules of projects on DEV/QA environments and recycling servers.
* Provided support for resolving UAT/PREPROD/Prod infrastructural issues.
* Worked on creation of Perl scripts for recycle of processes, validating uploads of rox files.
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