

Raj Agrawal

Mobile No: +91-9866477104
+91-7842977104

Email: rajagrawal104@me.com

Present Address

401, Sri Nilaya Nest Apartment
4th Cross Shilpa Park, Kondapur
Hyderabad, Andhra Pradesh
India - 500084

Objective

Looking for a challenging position in the industry that involves designing solutions effectively and efficiently by applying creative ideas, sound computing principles and programming skills.

Key Skills : Sailpoint IdentityIQ, Java, Multithreading, Data Structures & Algorithms
Domain Knowledge : Identity Management and Access Governance

Skills

Programming Languages : C, C++ and Java
Web Technologies : HTML, CSS, PHP, JavaScript,
Database : Oracle, SQL, RDBMS
Platforms : Linux, Windows, Macintosh
Software's/Packages Experience : Netbeans, Eclipse, Adobe Photoshop, Adobe Flash,
Adobe Dreamweaver, MS-Office, MySQL, X-Code

Areas of Interest

Data Structures, Web Technologies.

Education

VIT University, Vellore	—	B.Tech-CSE	2012	CGPA 7.97
CBSE, New Delhi	—	High School	2007	Marks 75%
CBSE, New Delhi	—	Intermediate	2005	Marks 83.2%

Work Experience

Previous Employer : Worked in **BA Continuum India Pvt Ltd (A non banking subsidiary Of Bank of America)** as **Sr.Tech Associate**.

Project Title : Review Access

Role : Developer

Tenure : July-2012 to March-2014

Team Size : 5

Environment : Java/J2EE, MySQL, Apache Tomcat server

Project Description

Review Access (Sailpoint IdentityIQ) is used at Bank of America to periodically review employee access to high risk Sox Applications. I am part of the Initiatives (Development) team for Review Access and Security Access Management team.

Responsibilities

I am part of the development team. Responsibilities include

- Requirement Analysis
- Design
- Development and Unit Testing
- Support SIT and UAT testing

Work streams:

Security Access Management: UUM Integration

Role : Lead Developer

Description

- ✓ UUM is a web service used for pulling /fetching user specific hierarchy information as it is in corporate directory.
- ✓ SAM (Security Access Management) was initially using SSO of another application but since the other is decommissioned we want SAM to behave like SSO.
- ✓ We developed user sign on capability shadowing SSO using UUM web service. On SAM side we were responsible to modify the code so that it can make use of the authentication service of UUM.
- ✓ Also responsible for designing new UI and was involved in unit testing.

Review Access: Certification Tools

Role : Developer

Description

- ✓ Manager Certifications, Spoc Certifications and Advanced Certifications were created using a sequential approach that eventually takes a lot of time for generation.
- ✓ We developed three tools each for manager, Spoc and advanced certifications respectively, which will create certifications using a multithreaded framework.
- ✓ These tools will generate certifications by running several tasks in parallel there by making maximum resource utilization, which eventually decreases the time to create certifications.
- ✓ In addition to this, resume from failure feature is added in case of failure.
- ✓ We added Terminate functionality to the tools in case if we want to stop it while in execution.
- ✓ Each tool comprises of a very simple user interface with minimal inputs required from the user. Only one Task UI will be used to run the task for multiple functionalities.

Review Access: Service ID Owner Reviews

Role : Technology Delivery Lead

Description

- ✓ Global Information Access does not have a controlled process in place to review the continued business need for Service IDs by the owner of the ID. There was no consistent approach to periodically review Service IDs similar to the reviews of user access.
- ✓ **Service ID** is a general term applied to a class of computing system accounts that are not intended to be used by humans (employees/contractors/vendors).
- ✓ In order to mitigate the risks, a new access review process has to be introduced in the Review Access tool for Service IDs. This review will involve all the access entitlements the Service ID is linked to in the CSDB and will require the identified Service ID Owner to attest to the continued business need for the Service ID.
- ✓ We developed an application connector and write various rules to accomplish the task.

Review Access: Branding

- ✓ The IdentityIQ user interface can be customized to include custom corporate branding, giving the application a look and feel that matches other enterprise applications.
- ✓ Created Custom CSS, and modified existing elements to incorporate changes required for the Organization.

Review Access: Deployment and Configuration Management

- ✓ Responsible to merge the code using the subversion and maintain it.
- ✓ Responsible to deploy the code properly on the various servers, writing build scripts.
- ✓ Creating Jenkins jobs for Scheduled build and continuous integration build.

Achievements

We were able to reduce execution time for Certification Generation by approximately 75% for each tool as compared to initially existing single threaded framework. I was rewarded a **Bronze Award** for this work in Q2.

I have been recognized by IAC-Innovation in Motion for the Certification Tool Development.

Academic Projects

- | | | | |
|----------------------------------------------------|---|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ➤ Design Securing Software | : | Platform | Windows/Macintosh/Linux |
| Description | : | Team Size | Individual |
| | : | | The system aims at providing a cost effective solution to secure images and edit them so that they can be protected from being forged. This product is basically for small-scale cottage industries that can't afford to have big software like AutoCAD for designing. Private Key Cryptography is used in encryption and decryption of images. |
| ➤ Student Information & Tracking System | : | Platform | Linux/Windows/Macintosh |
| | : | Team Size | 2 |

Description

: It has capabilities for entering student demographic information, test results and other assessment scores, building student schedules tracking student attendance & their location within the city using Google maps. It is build on latest PHP & MySQL technology and fully capable of student Data warehousing. I took the responsibility for back-end development.

Extra Curricular

Zonal Level Table Tennis Player during school, Coordinator in College Fest, Guitar Player.

Personality Traits

Strengths : Team worker, Quick Learner, Adaptive, Multitasker.

Interests : Reading about Latest technology and gadgets, Music

Personal Details

Name : Raj Agrawal

D.O.B : April 10, 1990

Passport No : J8689901

Website : <http://rajagrawal.com>

Public Profiles : **Linked IN** : <http://linkd.in/vizoOc>

Twitter : <http://bit.ly/v4UVJq>

Declaration: I hereby declare that the above information is true to best of my knowledge.

Raj Agrawal