**Taruna Nanecha**

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**Summary:**

**Cloud Analytics Engineer** with expertise in Development, Design, Coding, Debugging, and Testing of Enterprise products. I have 14+ years of experience working with leading Cloud, Database and Enterprise product companies. I have primarily worked for Oracle Enterprise Manager (OEM), Identity Management product suites (IDM): Oracle Access Manger (OAM), OpenSSO, Directory Server and HP OpenView. I have solid expertise in Data analytics and visualization using Oracle APEX, REST API, SQL dev, OBIEE Reporting, and Relational DBMS. I am self-motivated, adaptive, and collaborative professional.

**Currently I am working with ORACLE India from past 14 and ½ years (including 6 and ½ years with Sun Microsystems) as a Principal Lead Engineer.**

**Educational Qualification:**

**MCA:** from Banasthali Vidhyapith, Rajasthan (in 1999 with first Class)

**B.Sc.** (Maths): from MDS University, Ajmer, Second topper in college.

**Technical Proficiency**

**Certifications:**

1. Oracle Cloud Infrastructure Foundations 2020 Certified Associate
2. Oracle Cloud Infrastructure Developer 2020 Certified Associate

**Domain Knowledge:** Enterprise Manager 12/13c,RDBMS, OBIEE, BI Publisher Server, Dashboards, RPD development, Oracle APEX, PL/SQL, Identity Management, LDAP, Network Management (OpenView NNM), Cloud and web services.

**Programming and scripting Languages:** Big Data & Hadoop, Python, Java, J2EE, JDBC, IOT and web component development with Servlets, JSP Technologies, C/C++, XML, MySQL, Java, Shell and Perl scripting.

**Debugging Tools:** GDB, Debug Diag, JDev, Fiddler, JMeter, SCM (ADE, ClearCase and Perforce).

**Operating Systems:** OEL/RHEL, Sun Solaris, Win2k3/2k8, HP-UX and AIX.

**Projects worked** (In reverse chronological order)

**Oracle Enterprise Manager (EM) -** From Apr 2015 – Till date

**Company:** Oracle India Pvt Ltd

**Languages & Tools:** Python, APEX, JIRA, ORDS, REST API

**O/S:** OEL/Linux, Windows, SunOS, HP-UX and AIX

**Role:** Technical Lead

**Description:**

Oracle Enterprise Manager is a system management tool which provides an integrated solution for managing the heterogeneous environment. It combines a graphical console, agents, common services, and tools to provide an integrated, comprehensive systems management platform for managing Oracle products. OMCS EM monitoring team manages Monitoring Technologies, Automation deployment, Tools, Infrastructure, Improvising monitoring metrics and thresholds for Oracle Cloud Customer (OCI/OCI-C) services.

**Responsibilities:**

* Technical Lead for OMCS EM 13c/12c monitoring Team, responsible for modules ensuring monitoring Infrastructure, Administration and Agent Status, Service Metrics, which are functional 24x7 across the GEOs.
* Developed pre-requisites automation validation framework using Python scripting and in-built EMCLI commands. Also worked various automation modules, like patching, deploying fixes, identifying issue patterns, and fixing them programmatically with Python, Shell, Perl and SQL\*Plus.
* Currently, I am working on enhancing the EM discovery automation in the OCI Cloud network, using ATOM, for various service modules, like FMW, EBS, PeopleSoft, Hyperion, JDE etc…
* I have developed very solid understanding on product's architecture (EM Console, product features and underlying database schema). I have always provided an accurate dashboards and reports with agility to stakeholders whenever requested and proactively as well. Overall, I have developed neck for automation and good/optimized reports design. I have ability to prioritize the work and focus on the high priority assignments and shown agility in re-prioritizing quickly whenever required for business need. Primarily I have worked on the OMCS (Legacy), OCI, OCI-C and OPC CloudEMs networks.
* I have partnered well with my global teammates to give quick turnaround time (like Network, Storage, Server NFS, ZFS, RR/AR, DR, RMAN, INFRA Backup teams and other internal teams), who rely on OCI/OMCS EM infrastructure.
* I have done knowledge sharing and training to multiple teams. I have good rapport and working relationship with all my partner teams and I am approachable by all.
* My contribution was acknowledged via "**Top Performer of the Quarter**" award.

**Oracle Access Manager (OAM) -** From Dec. 2012 – Mar. 2015

**Company:** Oracle India Pvt Ltd

**Languages:** JAVA, J2EE, C++, Perl, XML

**O/S:** OEL/Linux, Windows, SunOS, HP-UX and AIX

**Role:** CPD engineer

**Description:**

OAM provides comprehensive security to applications, data, and web services. It provides end-to-end authentication, single sign-on and fine-grained application protection. OAM supports various authentication mechanisms, like: form based, Kerberos, X509, RSA (multi-factor authentication). Authorization based on identity, temporal and IP conditions. It supports 3rd party integrations with custom ASDK and support for OAM webgates, OSSO and OpenSSO agents. WebGate intercepts HTTP requests from browsers for web resources and forwards them to Access Server for authentication and authorization.

**Responsibilities:**

* Current product development engineer for OAM 11g/10g Server and Webgate modules as well as products internal/external Cloud SaaS and PaaS deployments.
* Resolving critical customer issues (worked on many sev1 escalations), feature development, bug fixes and providing quality patches/binaries to customers.
* Coordinate with other subsystem teams to ensure timely release of the product and participating in code reviews.
* Build & packaging, unit & integration testing for the code fixes.
* OAM product's upgrade feature testing, R2PS2, R2PS3 etc.
* Driving Test case Automation project.
* Hiring and mentoring of new joinees in the group.
* Creation of Dashboard for engineering productivity matrix.

**OpenSSO Server and Policy agents (Sun Legacy products) -** From Dec. 2010 – Dec. 2012

**Company:** Oracle India Pvt Ltd

**Languages:** JAVA, J2EE, C/C++, Perl, XML, Shell scripting

**O/S:** OEL/Linux, SunOS SPARC and x86, Windows, HP-UX and AIX

**Role:** CPD engineer

**Description:** OpenSSO is a complete solution that provides Web access management, federated single sign-on and Web services security in a single, self-contained application. OpenSSO Enterprise manages authorized access to network services and resources. By implementing authentication and authorization, OpenSSO Enterprise (along with an installed policy agent) ensures that access to protected resources is restricted to authorized users. A policy agent intercepts a request for access to a resource and communicates with OpenSSO Enterprise to authenticate the requestor. It is designed with repeatable, scalable tasks for rapid deployment of multiple instances.

**Responsibilities:**

* Current product development engineer for various modules of Sun OpenSSO and policy agents, resolving critical customer issues, development, bug fixing, testing, porting on other platforms.
* Build & packaging, unit testing, providing patches/binaries to the customer
* Certified Policy Agent binaries with different web-servers and on various platforms.

**Directory Server (JWSSE) -** From Dec. 2004 – Dec. 2010

**Company:** SUN Microsystems India Pvt Ltd

**Languages:** JAVA, C/C++, Perl

**O/S:** SunOS, Linux, WinNT, HP-UX

**Role:** CPD engineer

**Description:** Directory Server (DS) provides a central repository for storing and managing information, which is the part of the Sun ONE product suite, based on the Lightweight Directory Access Protocol (LDAP). Information stored in Sun ONE Directory Server can be used for the authentication and authorization of users to enable secure access to enterprise and internet services and applications. Sun ONE Directory Server is extensible and can be integrated with existing systems and enables the consolidation of employee, customer, supplier and partner information.

**Responsibilities:**

* Current product development engineer for various modules of Directory Server.
* Tool development for AAT (Automated Acceptance Testing)
* Creation of dashboard to monitor critical and sev1 bug status using WAMP.
* Build & packaging, unit testing, providing patches/binaries to customers.
* On-site visits to Grenoble (France) for major product release trainings.

**Network Node Manager (NNM) -** From Sep. 2003 – Dec. 2004

**Company:** Hewlett-Packard (worked as consultant)

**Languages/Tools:** Perl, Shell Scripting, ClearCase

**O/S:** HP-UX, Linux, WinNT

**Role:** Release Management Engineer.

**Description:** Network Node Manager (NNM) is a network management tool, which is the part of the HP Open View product suite. NNM helps to achieve network management goals: low cost, high performance and reliability. It gives an accurate picture of the network and provides tools which discovers, isolate and analyze network problems. NNM has two main components: NNM Services and NNM application. The NNM services continuously monitor the status and configuration of the network nodes. It also does the basic information gathering. The NNM application provides the graphical user interface that organizes and presents network information and alarms about changes to the network and gathers data from SNMP supported devices.

**Responsibilities:**

* Product Release Management, development, testing of Discovery and APA components of NNM product suite and patch creation using ClearCase.
* On-site visit to HP Roseville (USA) for training.

**FLYING CE (FCE) - From June 2003 – Sep. 2003**

**Company:** Trident Software India Pvt Ltd

**Languages:** C, C++, Shell and Perl

**O/S:** Windows

**Role:** Software Developer

**Description:** The Flying CE is a generic rule-based product configuration engine/system that can cater the needs of order processing of any organization specializing in mass customization of products. It facilitates end customers to put together a product according to their own preferences guided by a set of rules defined by the selling company. It allows end customers to select complex goods or services when there are a large number of options available, and utilize logical rules to determine whether combinations of features are feasible and efficient (like customize your bike)

**Responsibilities:**

* Design/development/testing of Rule Assessor DLLs.
* Development/testing libraries for rule set components.
* Test driver development for various DLLs and Libraries.

Place: Bangalore Taruna Nanecha