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SENIOR PROFESSIONAL
Enterprise Cloud Architecture

Career Snapshot

- A competent professional with **nearly 16 years** of industry experience in Software Development & Programming.
- Currently serving **Oracle India Pvt. Ltd**
- Strong **Cloud technologist** , well versed in IaaS,PaaS and SaaS
- Expert in Cloud migrations , Devops ,lift and shift, Cloud Portfolio assessment, Cloud pricing and TCO
- Comfortable in interacting with people across hierarchical levels for smooth project execution; experience of working under cross-cultural and multi-lingual environments.
- Adept at analysing the technological needs of an employer or client and writing software for the purpose of meeting those needs.

IT Skills

Operating Systems	:	Linux, Sun Solaris, AIX, Windows
Programming Languages	:	C++, Java, JEE, Bash Programming & Perl
Architecture	:	SOA ,Event Driven(EDA), Micro services
RDBMS	:	Oracle,Oracle NoSQL
App Server	:	Weblogic ,Websphere
Tools	:	PHP and PL/SQL
UML Tool	:	BoUML
Provisioning Tools	:	Chef , Docker and MCO
Cloud Service	:	Oracle Public Cloud(OPC),AWS

Career Recital

Since Jun'14	Oracle India Pvt. Ltd , Hyderabad(India)	Principal Member/ Architect
Sep'08 – Jun' 14	BACS, Hyderabad(India) (A subsidiary of Bank of America)	Architect/Sr Analyst
Jun'07 – Sep'08	Symantec India Pvt. Ltd., Pune(India)	Senior Engineer
Nov'05 – Jun'07	Symphony Services India Pvt. Ltd., Bangalore(India)	Senior Engineer
Aug'04 – Nov'05	ORACLE India Pvt. Ltd., Bangalore(India)	Member Technical Staff
May'02 – Aug'04	HFCL Infotel Ltd., Mohali (India)	Sr. Engineer

Education

2001 B.Tech. (Computer Science & Engineering) from PTU Jallandhar

ANNEXURE

Major Projects Handled:

At Oracle India Pvt. Ltd, Hyderabad

Title: APIP Cloud Service Role: Architect/Principal Member
Tools: UNIX, Java, JEE, Chef, Docker Team Size : 7

Scope: This product is API Management solution .APIP allows hosting and managing of APIs and making it easy for stakeholders to build and integrate new and existing applications respectively APIP does not focus on a specify vertical and it goes horizontal across all vertical industry and various business and sectors . Below are the key features of APIP
Operations - Once the APIs is published, the platform can be used to manage and monitor their access.
Security – APIP offers the full range of security policy to protect API access.
Community Management – Managers the consumer of APIs

KRA:

- Create architecture geared towards scalability in cloud environment handling all NFR's
- In charge of all phases (POC to design to build to deploy to support to maintenance)
- Head Devops activities –CI,CD
- Part of COE team and help in presales
- Decode requirements into software modules
- Automate DevOps
- Collaborate with QA/PSR/Support/Operations/Customers
- Involved in creating roadmaps and technical visioning

Title: Integration Cloud Service(Renamed as OIC) Role: Architect/Principal Member
Tools: UNIX, Java, JEE, Chef and Service Bus Team Size: 9

Scope: This is a product in integration domain. ICS enable web based Integration Development, supporting common integration patterns and encapsulating complexity while integrating Oracle Cloud products.

KRA:

- In charge of DevOps for infrastructure/CI automation
- Part of COE team and Sales team
- In charge of all phases (SDLC) of recommendation engine
- Responsible to bursting (Hybrid cloud) at customer sites
- Work with enterprise architects
- Collaborate with QA and other teams

At BACS, Hyderabad

Title: DMT (Document Management Tech) Role: Architect/Sr. Analyst
Tools: UNIX, Java, JEE, XML and MQ

Scope: This is a high availability project and caters to 1800 calls per second. This project is part of home loans division of bank, and deals with the loan documents which are submitted by customers. Aim of this software is to fetch scanned documents from image repositories (maintained in house or by third Party) and make them available to bank's employees. Where employees using this software can provision customers loan, comply with FEDIMAC audit and can provide customers with readily available facts. Below is how software work in real environment
Customer loan documents are scanned by various third party channels or customer can upload the documents to the website. In case of documents uploaded by third parties, DMT software pulls the loan documents/meta-data from vendors and reconcile data with business generated figures present in the system. Once reconciliation is complete these loan documents are indexed, according to loan category/"document type" and are stored in image repositories. Users of this software (which are other client software(s)) can do various operations on the documents (like view/burst/merge) and meta data (re-index/correction/document type) . Users of this software are authenticated and authorised by various parameters set by business.

KRA:

- Work with Enterprise architects
- Decode the requirements into software modules
- Create design for new requirements
- Work with SA/QA/infrastructure teams for UAT/deployments and hot fixes
- Work with offshore business user to understand where technology can fits in
- Create prototype for requirements
- Code web services and integrate ESB with other modules
- Insure overall code quality of project
- Code review and mentor new team members

Title: FileRP Switch
Tools: UNIX, Java, JEE,XSD,C++ Role: Architect/Offshore Manager

Scope: This is high availability system. FileRP is highly reliable and scalable global payments routing gateway. In this project clients sends payments data, which needs to be processed in different GBS (Global Bank System) regions of world according to business rules. FileRP's role is to parse validate reformat and route clients data to appropriate GBS region(s) for processing. FileRP parses the data with help of predefined XSD's and converts data into canonical format. Once data is put in canonical format it's grouped according to different business rules by keep transactional integrity in place. Grouped data is sent to GBS system via MQ channels .After data is received by GBS system it sends acknowledgement back to FileRP for reconciliation. Once data is processed notification is sent to clients depending upon business rules.

KRA:

- Create and Implement canonical design
- Identify the established design patterns which should be implemented in software
- Bridge between offshore development and onshore business team
- Create Prototype for requirements
- Ensure delivery of India specific modules
- Development of complex logic for routing and batching activities
- Insure overall code quality of project
- Mentor new team members

At Symantec India Pvt. Ltd., Pune

Title: Enterprise security Manager (ESM)
Tools: UNIX, Windows, C++,Java, Perl and XML Role: Lead Member

Scope: To automate the discovery of security vulnerabilities, in an enterprise environment. This software follows server-client architecture. Server is installed at machine(s) which is used to monitor security in enterprise and client is installed on a machine which needs to be monitored for vulnerabilities. In ESM server's responsibility is to install client in enterprise network, provide user with interface to create security policies, club the policy into package for easy execution, monitor vulnerabilities and take remedial actions. Client software, executes the policies and report back to server about the vulnerability to server.
Generic policies provided by ESM are in C++ , and user can create their custom policies in Perl or Java.Once security policy which needs to be executed on clients is decided by user(who is generally network /system administrators) , its pushed to specified client(s), via SOAP. Client now executes these policies at pre-mentioned time and push results to server. Once the server has results from clients , then these results are shown in form of charts and tables to the user . User is also given choice of performing remedial actions .

KRA :

- Responsible for handling UNIX part of ESM
- Implement the security policies on UNIX
- Maintain and enhance execution engine for ESM clients
- Work with architects to create HLD and LLD

At Symphony services India Pvt. Ltd., Bangalore

Title: UNIX Agent for Application Manager (NMS)
Tools: UNIX, Java, Perl and XML Role: Senior Member

Scope: To create a communication channel between windows server and UNIX client so that the windows server monitor's the various activities on the UNIX client. The windows server can execute the programs on client via the UNIX agent. We follow the pull approach for achieving the results.

KRA

- UNIX agent coding
- UNIX agent deployment in cluster
- Production fixes and interacting with L3 team

At Oracle India Pvt. Ltd., Bangalore

Title: Remote Interface API
Tools: UNIX, Java , Perl and Shell Programming Role: Member

Scope: To create a layer between the clusters, so that every node in cluster can talk to other and execute the commands on the other node. After the actions are done at the remote end the initializing node is signalled for the completion of the same.

KRA

- Implement code for heart beat mechanism
- Implement command execution on remote machines

Title: Automation of RAC (Real-time Application Cluster)
Tools: UNIX, Shell Programming, Perl Role: Member

Scope: To automate the RAC (Real Time Application Clusters) environment. It checks for the validity of the cluster which is brought up after the installation on the Cluster Ready services. The actions performed at the remote node in the clusters are checked for there validity so that there is synchronization between the clusters. After the basic checks the automation precedes towards checking different scenarios of the RAC systems.

KRA:

- Install UNIX agent on RAC machines
- Code cluster ready services
- Integrate RAC with Oracle Universal installer

At HFCL Infotel Ltd., Mohali

Title: Performance Management System Role: Leader
Tools: C++, Unix Shell programming, PHP, Oracle, Ming lib

Scope: To analyse call attempts, Erlang, Overflow, Out of Circuits, BHCA, Call failure Reasons, call completion ratio, Congestion for Wireline Switch online. Graphs and tables to access weekly, fortnightly, monthly patterns. The analysis for wireless switch is in progress.

Title: Automation of Alarm Management System Role: Developer
Tools: C++, UNIX, Shell programming, PHP, Oracle

Scope: To automate the alarm management process wherein the alarms generated by the Wireline Switch are shown online and subsequently transferred into the database.

Title Intelligent Route Telling Software Role: Developer
Tools: Linux, Perl, AWK tools, C++, PHP, MySql

Scope: To generate the call route for call completion so that there is no congestion route and should give the alternate route in state of congestion so that company revenue could be increased .It update the current status of different routes usage after every hour, and make appropriate changes in routing database (this criteria is guessed using current status and the previous days busy hour call attempts and erlang for that particular interval of the day)

Other Projects Handled At HFCL Infotel Ltd., Mohali

- Automated the Report Generation process for SWITCH raw data using VB6, SQL Server, and Unix Shell Programming with AWK Tools.
- Order Processing System developed using Forms5.0, Reports 3.0, D2K, and Oracle7.2 in Win98.
- Mediation Data Analyser using ASP, Oracle shows graphs, tabular forms