Anant Waghmare
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PROFESSIONAL OBJECTIVE

Willing to work in a competent and innovative work environment to gain valuable exposure and experience that would enhance my skills and strengths in conjunction with company's goals and objective.

PROFILE SUMMARY

Over all 17+ years of experience including Outbound Product Management, Development, Consulting, Support, and Testing.

➢ **Completed Training from Oxford University Artificial Intelligence, Gen AI on Cloud and Edge Implementations.**

➢ **Certified as Oracle Cloud   AI Certified Professional & Foundations, Oracle Integration Cloud and SAAS , OCI Infra Architect, Multi Cloud Architect Associate .**

➢ **Completed Executive master's in business administration in Information Systems from Manipal University Bangalore (India) 2011.**

➢ **Completed Bachelors of Computer Engineering Year 2005 from Nagpur University (India)**

Working in Oracle India from Oct 2013 – Present Date.

❖ **Technical Architect Lead - Integrations -AI-ML-GenAI -Oracle Cloud PAAS Apps .**

◆ **Designing and implementing robust OIC integration architectures along AI/ML services with enterprise applications, data lakes, and external Product APIs , CI /CD /MLOPS.**

◆ **Develop Architecture Framework on end to end machine learning pipelines, model deployment strategies, and system architectures that align with customer objectives,high performance, security, and compliance with Ml -ops ,Inference Architecture,MLFLOW. Githubactions deployment DVC-Data versioning , Monitoring and Governance:**

- **Coordinating across Business Users,Data Scientists,ML Engineers, Cloud Engineers, DevOps teams, and Business stakeholders to ensure smooth AI/ML project lifecycle execution from proof-of-concept (PoC) to production.**

- **Built and managed scalable ML pipelines covering data ingestion, feature engineering, model training, and online inference.**

- **Developed production-ready inference architecture using TensorFlow Serving, FastAPI, and RESTful APIs.**

- **Integrated model monitoring frameworks (MLFLOWS)**
- **Established robust MLOps pipelines using MLflow for experiment tracking, model registry, and lifecycle management.**
- **Automated the entire ML model lifecycle using GitHub Actions and streamline code commits, model retraining, validation, and production deployment.**
- **Designed feedback loops for continuous learning and automated model retraining when triggered by data quality or model drift anomalie.**
- **Established AI governance frameworks ensuring compliance with data privacy regulations (GDPR, CCPA) and ethical AI guidelines**
- **Set up role-based access control (RBAC) and security audits for AI model usage across development and production environments.**
- **Advocated for responsible AI practices such as bias detection, fairness audits, and transparent model documentation.**
- **Conducted hands-on research and development on Large Language Models (LLMs) including GPT-3.5, GPT-4, LLaMA2, Mistral, and custom fine-tuned versions for domain-specific tasks.**

- **Implemented fine-tuning and prompt engineering strategies to adapt foundation models for enterprise use cases (knowledge retrieval, summarization, content generation .**
- **Hands on with Amazon Bedrock, Sagemaker Lambda services .**
- **Hands on with Hugging face open source model with amazonsagermaker .**

- **Contributed to compass Agent Framework(Based on Langgraph) for Confluence Interaction for CSS CGBU .**

- **Engineered RAG (Retrieval Augmented Generation) pipelines combining Cohere LLMs and vector database Oracle 23 AI with hybrid Search Capability.**

- **Evaluated and benchmarked various open-source and proprietary LLM evals, and custom domain-specific benchmarks.**

❖ **Principal Product Manager (Outbound) at Oracle India from May 2017 - Nov 2019.**

- ♦ **Principal Product Manager worked cross-functionally/Technically with various teams: product management, various product lines, business units to drive forward results For Oracle Cloud Pass4Saas Product Stack which includes Oracle integration cloud service, Mobile cloud service, Chatbot, Oracle Blockchain Cloud,Oracle IOT Cloud ,IOT Asset Monitoring.**
- ♦ **Designing and implementing robust OIC integration architectures along AI/ML services with enterprise applications, data lakes, and external Product APIs .**
- ♦

- ♦ **Delivered 'Art of Possible' Solution Architecture sessions In multiple countries, including the U.K., Europe, and the Middle East, covering Integration Cloud, Digital Assistant, and various Oracle PaaS and SaaS Cloud Services.**

- ♦ **Hands-on Technical with developing solutions on use cases, user stories and user experience requirements to address various vertical specific market (FinTech, retail etc) using Oracle Cloud IAAS,PASS, SAAS stack.**
- ♦ **Identified, defined, and refined use cases by gathering feedback from field teams, customers, and partners, assisting in their positioning and successful implementation.**
- ♦ **Collaborated on planning roadmaps, product capabilities, and UI/UX enhancements to align with customer needs and drive Oracle Cloud adoption.**
- ♦ **Served as a subject matter expert and advisor on Oracle PaaS offerings, including best practices for leveraging PaaS in SaaS environments.**
- ♦ **Educated and enabled partners on Oracle Platform services, ensuring effective adoption and utilization.**
- ♦ **Extensive hands-on experience in designing scalable, secure, and high-performance solution . Proficient in Oracle Integration Cloud (OIC), Big Data technologies, Hadoop, Spark, Hive, Kafka (Oracle Event Hub), Oracle Analytics Cloud, Oracle Mobile Cloud, Oracle Digital Assistant (ODA), Oracle Autonomous Data Warehouse Cloud (ADWC), Oracle Visual Builder Cloud Service (VBCS), and Oracle Blockchain Cloud.**
- ♦ **Understanding of Kubernetes, Container Orchestrations, Cloud Native applications, CI/CD tools and processes .**

- ◆ Engaged with partner's technical and sales leaders in support of key partner sourced and influenced customer opportunities.
- ◆ Collaborated with multidisciplinary teams to scope, design, concept test and deliver innovative solutions
- ◆ Coordinated with Fortune 500 Partners/Customers, Customers for getting feedback about the Product usability (UX & UI).
- ◆ "Strong experience collaborating effectively with globally distributed teams to drive productivity and seamless teamwork

2) Worked as Sr.Software Engineer (Integration) with ASM TECHNOLOGIES LIMITED from OCT2010- to SEP 2013.

- ◆ Taken initiative on Presales Activities and Technical Architect for Client NTT Data Corp for Migration existing Jcaps solutions to SOA Suite
- ◆ Collaborated with leading customers, including TDCI Buy Design and Image Integration System Inc., to deliver solutions, optimize system integrations, and drive business efficiency.

3) Worked as Sr.Software Engineer with ASM TECHNOLOGIES LIMITED Bangalore a CMMI Level 3 company deputed to clients mentioned below.

- ◆ Worked on client side ORACLE INDIA PVT LTD (IDC)Bangalore For ORACLE FUSION MIDDLEWARE 11gR1(SOA-Suite) SOA QA from July 2008 to OCT 2009 .
- ◆ Worked on client side as Level 2 Software Engineer GENPACT Delhi for EBay , Nissan process on BPM supporting Product called Savvion from JAN 2008 to June 2008.
- ◆ Worked on client side SAP LABS INDIA for Duet Product (SAP-Microsoft) based on SOA architecture, SAAS, web services (SOAP) from May 2007 – DEC2007.

TECHNICAL PROFICIENCY

Operating Systems	Windows,Linux(RedHat),Oracle Linux,Vmware(Installation)

Hands-on & Knowledge	Oracle Integration Cloud Service, ,Chatbots,SOA Cloud service,ORACLE FUSION MIDDLEWARE 12c(SOA-Suite), ORACLE OSB(11g) 11g,OracleEnterpriseManager, BPEL,Mediator,Adapter(DB,JMS,,File,FTP,webservice,REST) ONDEMAND Oracle (FTP),JCA SAP Adapter (Iway).BAM EAI, CoreJava,J2EE(J.N.D.I Servlet2.3, J.S.P2.0, STRUTS , ServiceMix,WebServices,,JMS),Xml,xsd,xslt,11g,SOAP UI,PostMan Oauth,Maven,IOT,Microservices Amazon AWS, Amazon Alexa .Amazon Lambda, Kafka,BigData, Spark ,Hadoop ,Oracle Analytics cloud , ObjectStorage, BlockChain, Docker, Scala ,Go , Node js . Tensor Flow, scikit-learn: machine learning in Python, CNN, GAN , RAG- Retrieval-augmented generation
Server	Weblogic12c ,Tomcat 4.1 ,JBOSS 4.5, Oracle(oc4j)
I.D.E: : Eclipse3.0, Jbuilder2.1	Oracle JDeveloper 11g,Eclipse3.1, Jbuilder2.1, Toad
RDBMS	**RDBMS Concept, Oracle 23 AI,** IBMDB2 (9.5), SQLServer 2005 Sybase 11, Mysql5.0, MYSQL6.0.

WORK EXPERIENCE:

ORACLE INDIA
Oracle Cloud redefines how businesses modernize, innovate, and compete in a digital world. Oracle delivers innovative and integrated cloud services that allow users and developers to build, deploy, and manage workloads seamlessly—in the cloud or on premises. Oracle Cloud continues the heritage of providing mission- and business-critical application and data solutions for organizations of all sizes. Future-proof your business with the future-proof cloud.

Mount Sinai Health System - New York & Govt OF Texas Women's University

Mount Sinai uses Oracle Cloud Fusion -accounting finance and human resource modules with MSHS OIC PaaS implementation with respect to integration of data with Oracle HCM cloud, Oracle EDMCS, and custom payroll extension applications.

- As the Integrations Lead, responsible for maintaining the operational integrity of the 24/7 production environment, ensuring seamless and continuous operations. Proactively identify, address, and resolve issues in collaboration with the SaaS and Database teams

- Developed a Proof of Concept (PoC) implementing Retrieval-Augmented Generation (RAG) for Project technical documents at Mount Sinai, utilizing

Cohere Command, ReRank, and Embed models, along with Oracle 23c AI Database and Oracle Digital Assistant.

- Developed a Proof of Concept (PoC) leveraging Retrieval-Augmented Generation (RAG) to identify and resolve issues during Oracle Integration Cloud (OIC) migration from Gen2 to Gen3, providing quick and effective solutions

- Developed and fine-tuned machine learning models for text summarization

- Collaborated with domain experts to identify key features and metrics for evaluating the quality of summaries.

Zim Integrated Services
- ZIM Integrated Shipping Services Ltd. is an Israeli shipping company. It is one of the world's largest shipping companies and is known for its container shipping.

- As the Integration Lead for Oracle Integration Cloud (OIC), accountable for the end-to-end delivery of integrating Legacy Systems of company with Oracle Fusion .
- Provided a Proof Of Concept on solution that utilises Convolutional Neural Networks (CNN) to enhance the Supply Chain scrutiny .
- Collaborated with data scientists to preprocess and augment image datasets for training and validation.
- Trained the CNN model on high end NVIDIA GPUs Oracle CLOUD largescale datasets and fine-tuned hyperparameters for optimal performance.

Oracle Consulting :MTN – -Revenue Authority Integration: -
Digitizing All invoices should follow the guideline from Revenue Authority by having every Receivable invoices issued from mtn must have the digitalsignature,Revenue authority reference and details like QRCode .

- **As the Integration Lead for Oracle Integration Cloud (OIC), accountable for the end-to-end delivery of integrating Oracle SaaS Receivables with the Revenue Authority system, overseeing the build, testing, and successful go live.**

- Transactions includes million invoices to be processed per Day with the resilient failure handling of Payloads and Reprocessing.

- Integration includes Oracle Cloud SAAS(SCM), OIC(PAAS), Database Cloud Service, SaaS Revenue Systems.

Volvo -Pallet Asset Monitoring using IOT (Supply Chain) :
Scenario: Pallet flow – Volvo Inbound:By truck from Olofström to Älmhult and containerized before train load By train from Älmhult to Umeå
Pallet flow – Volvo Outbound (empty) .
Responsibilities:

1) Responsible for understanding End-to-End Scenario /Requirement Gathering from Volvo IT, Oracle Sales.
2) Product Evaluation on extra features implementing KPIS on Oracle IOT Asset Monitoring.
3) Discussing with UI and Engineering team on feature required for KPIS .

OpenBanking & Retails Solutions
This Solution is digital innovation platform for open banking serves as the foundational platform allowing the bank or a fintech to create complex and rich digital applications leveraging a wider ecosystem of solutions from Fintechs
how a banking consumer can engage with the Bank over a digital channel using a bot that is connected to a messenger channel like Facebook etc .

Responsibilities:

1. **Focus on solving real-world business problems using latest technology, with the goal of aligning technical vision with business strategy.**
2. **Architect and part of development for Fintech Open Banking Solution involving various SAAS services for integration for example Oracle Engagement Cloud,Yodlee,Eloquoa ,BBVA Bank Apis ,Label Insight Apis etc .**
3. **Creating a real-time use case for oracle customer workshops with latest Cloud PASS oracle product stacks for Retail Domain .**
4. **Created Realtime usecase on Order management using Oracle PAAS .**
5. **Coordinating with customers/Cloud Customers across the globe to understand and resolve issues.**
6. **Worked as part of coordinating between the customer issues and the product development teams.**

7. POC on Oracle Permissioned block chain completed with hands-on doing chaincode using go lang .
8. Design and build Bigdata(Spark+Hive+Hadoop+Scala) component integrated with Kafka –Oracle Event hub ,Object Storage as part of Solution for Retail use case
9. Replicating customer scenarios on LAB Environments, for troubleshooting.
10. Publishing Documents on Support portal based on RCA of Issues.
11. Logged bugs for Oracle Development teams.
12. Hands-on with Oracle Integration cloud Service (OIC) ,SOA Cloud Service ,Cloud   adapter (Rest/SOAP/ERP Adapter,Sales Cloud etc).
13. Received Outstanding Contributor Award for Customer Service Excellence.
14. Travelled and worked in   various countries for delivering the Art Of Possible Solution Architecture in UAE, China, Turkey, South Africa, and U.K.

Client: NTT Data Corp : NTT DATA is a fortune 500 company and has played an instrumental role in establishing and advancing Japanese IT infrastructure, in particular large-scale and mission critical IT systems. Originally Data Communication Headquarter of Nippon Telegraph and Telephone Public Corporation, its heritage contributed to social benefits with a quality-first mindset. Having spun-off from NTT in 1988 and going public in 1995, the over 35 countries, all under the NTT DATA brand.

NTTData and clients has a insurance policy claim ERP applications which interacts with various other 3rd party applications currently the integrations in production has been implemented in Jcaps and java applications. Roadmap is to migrate existing infrastructure to oracle fusion stack and analyzing other point of Integrations.

Responsibilities:
1) Coordinating with SME to understand the requirements.
2) Responsible for providing Proposal to the client for integration.
3) Responsible for understanding scope of current integration, Effort Time Estimation.
4) Responsible for Integration of the New Front End Claims application to the Oracle SOA platform
5) Estimating on Migrating Core Application and Jcaps stack to Oracle SOA stack with additional capabilities.

TDCI: BuyDesign Configurator is a new generation of sales and product configurator software that can be easily integrated with any or all of your web, mobile, enterprise,

desktop, or laptop systems. Powerful and intuitive, BuyDesign Configurator has the flexibility to handle just about any customizable product or service, and support just about any type of user or application.

Product Integration with Oracle EBusiness Suite 12.1.3

Environment: ORACLE FUSION MIDDLEWARE 11gR1 (SOA-Suite), Oracle E-Business Suite 12.1.3, Oracle **Linux, Amazon cloud**

Duration - FEB 2012 to Jan 2013

Responsibilities:

1) Worked As Soa consultant for the **Product integration** with TDCI **Product** and Oracle Applications (Order Management).
2) Responsible for end to end integration requirement Gathering, Design, Build,Testing for soa components.
3) Installed Soa suite and maintaining dev,test Linux environments.
3) Integrating TDCI web services hosted on Amazon cloud with Oracle Ebiz Order Management.
4) Coordinating with .net dev teams, Managers from Columbus (Ohio) .
5) Completed Poc for SOA Integrated Gateway.

Docusphere Product : DocuSphere® All-in-One combines all of the necessary DocuSphere Business Process Management (BPM) software with proven project implementation services – together in an affordable package with a fixed-price and predictable outcomes. After implementing All-in-One, you will not only have improved your Accounts Payable processes, but will be able to measure, manage and adjust to future process change requirements.

Product Integration with Oracle EBusiness Suite 12.1.3

Environment: ORACLE FUSION MIDDLEWARE 11gR1 (SOA-Suite), Oracle E-Business Suite 12.1.3 ,Oracle **Linux**

Duration - August 2011 to FEB 2012

Responsibilities:

1) Responsible for **Product integration** with **Docusphere Product** and Oracle Applications.
2) Responsible for end to end Requirement Gathering, Design, Build of the Project.
3) Email Configurations, Error Handling Framework, Policy Configurations.
4) Coordinating with .net dev teams for integration.

Project: GL Interface
Client: ATI Allvac(USA)
Environment:OracleFusion middleware11gR1,Adapter(DB,FTP),BPEL,
Mediator(ESB),OracleEnterpriseManager),Oracle Ebusiness Suite 11i
Description: There are 12 Legacy systems which has to be integrated with Ebusiness suite. Legacy systems are providing the files in .csv formats on ftp locations and data has to pushed into Ebusiness suite (GL).

Duration :August 2011 to FEB 2012

Responsibilities:
1) Involved in discussions   with functional consultants for creating TDD based on FDD.
2) Responsible for end to end design, build and testing.

Client Side(Consultant) :   Oracle Consulting (GSD):
Client: Agilent (USA) (F40Interface)

This Project is a **Migration of interfaces from Tibco to Fusion Middleware.**
The requirements/business needs for these interface are to provide a full history of how transactions are closed which in turn used for research purposes, cash collection reporting, root cause analysis of reasons for adjusting residual balances, customer payment behavior tracking, and other research/reporting.

Environment: ORACLE FUSION MIDDLEWARE 11gR1 (SOA-Suite), Oracle OSB 11g.
Duration –OCT 2010 to August 2011.

Responsibilities:
1) Involved in all phases for F40 –Interfaces for Multi dollar integration Project integrating sap, ebiz and Siebel end systems.
2) Coordinated with Oracle Architect, Agilent SME for creating design and build of interfaces and build.
3) End to End development using SapAdapter, OSB 11g and SOA suite 11g.
4) Involved in Build, Testing, Deployment for So-Parts-Shipment, Siebel Interface Error.
5) Involved in creating artifacts for SAP Idoc, by using Sap Adapter (I WAY).
6) Coordinating with boundary system resources (SAP, Siebel, Oracle Apps) for doing Boundary testing for the above interfaces.
7) Involved in UAT Testing.

Client Side(Consultant) : ORACLE- Development (IDC)
Product : ORACLE FUSION MIDDLEWARE 11g R1(SOA Suite).
Environment:OracleFusionmiddleware11gR1,Adapter(DB,JMS,File,FTP,Webservice),BPEL,Mediator(ESB),OracleEnterpriseManager,wsdl,xpath,xquery,IBMDB2(9.5),Sybase(11.1),SQlserver(2005),Oracle11g,XSD,XSLT,jdk1.6,JrockKit,Weblogic 10.3 (Clustered Enviornment,RAC Environment, EDG Environment),Linux(x86)

Duration - July 2008 to OCT 2009.

Description: Oracle Fusion Middleware is the most comprehensive family of preintegrated, industry-leading middleware. Oracle's middleware products embrace a hot-pluggable architecture, for greater flexibility and investment protection. Only Oracle delivers the middleware portfolio that drives r business to:increase its capacity for growth and change improve insight into business operations

 Responsibilities:
1) Worked For the Oracle fusion middleware Soa suite DB Adapter component, testing compatibility with IBM DB2(9.5), Sybase,SqlServer2005,MySql6.0 Oracle 11g.(Certification Testing for OFM (soa-suite)- DBAdapter).
2) Discussing issues with Dev team in HQ(u.s),Japan. And implemented workaround.
3) Upgrade testing end to end of 10.1.3.4 processes which are going to upgrade on 11gR1 Platform for DBadapter.
4) Patches testing for DBAdapter.
5) Tested MLR Bugs related to DBadapter for clients like LG electronics, **G.E(Healthcare) etc.**
6) XA Transactions Scenarios created and tested for the processes.
7) Fault Management Scenarios (Fault Policy) against 11g r1 .
8) Installed Fusion Middleware 11gr1 on Windows, linux platforms.

Client Side(Consultant) :Genpact (Delhi India)

Project: Savvion BPM Support

Environment: Savvion, Servlet2.3,jsp,ejb2.1,jms,oracle10 g,TOAD,web logic 8.1

Duration: JAN 2008 to June 2008

Description: Savvion is the pioneer and leader in business process management (BPM) and provides software and services to the world's largest and most respected organizations to better create manage and optimize their core business processes. BPM solutions help organizations improve agility, reduce operational costs, and improve processes across departmental lines.Genpact provides a wide range of services, including Finance & Accounting, Collections and Customer Service, Insurance, Supply Chain & Procurement, Analytics, Enterprise Application.

Responsibilities:
1. Worked as Level 2 for Savvion support GenpactHoneywell process.
2. Involved in fixing bugs as per the SLA Time Limits for the Honeywell process.
3. Involved in maintaining ticket tracker by assigning issues to the team members.
4. Interacting with users and examining the issues faced by them for the savvion.and solving them as the highest priority issue.
5. Involved in purging activity by providing appropriate data to get purged.

Client Side(Consultant): SAP LABS INDIA

Product: Duet 1.5 (SAP-Microsoft)

Environment: SAP Netweaver04, Ejb 2.1, web services (SOAP), Sap CRM
Duration: May 2007 –DEC2007

Description: Duet™ software for Microsoft® Office and SAP, a solution that allows information workers to interact with select SAP business processes and data through Microsoft Office applications. The companies will jointly enhance Duet with additional business scenarios, platform capabilities and development tools. The upcoming version, Duet 2.0, is planned for the end of 2008 and Duet 3.0 is planned to be released soon after the next generation of SAP® Business Suite applications and Microsoft Office software, including Microsoft Office Share Point® Server.

Responsibilities:
1. Involved in Coding for EJBs and exposing as web services by using SAP Net weaver.
2. Involved in generating castor objects.
3. Involved in solving Customer related issues for SAP Clients for Duet Product
4. Involved in writing test cases during MIT Phase for Duet.
5. Involved in configuring Duet Customization in the SAPCRM (Back END).
6. Involved in Testing for the Duet 1.5 sp1 during MIT phase.
7. Involved in providing roles in UME (User Management Enroll)

QUALIFICATIONS

- **Executive Master's in Business Administration from Manipal University Bangalore 2011 (INDIA)**
- **Bachelor of Computer Engineering Nagpur University 2005(INDIA).**

Academic

A.I.S.S.C.E	C.B.S.E	March 2000	60.50 %
A.I.S.S.E	C.B.S.E	March 1998	65%

CURRICULAR ACTIVITIES
1. Attended Cloud Computing From BS-Summit
2. Under gone industrial training in **ASHOK LEYLAND LTD(INDIA)** and had taken part in installations of German based CNC. machines like **Fanuc** and **Mosaic.**
3. Secured 8 Certificates in National Talent Search Contest, organized by NTSC.
4. Participated in Mathematics Olympiads.
5. Sports (Cricket) Certificates.