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Profile Summary

- 15+ year in **Software and Integration architecture**, management, development, deployment, and operating a complex products/projects delivered to large **telecommunication** company, **government** authorities, and **multimedia** providers in **Middle-East, Western-Europe, and Asia**.
- 4+ year in **Enterprise architecture** complying with **TOGAF 9.1** for defining IT strategy, IT planning, Process re-engineering, enterprise capability management, architecture content management, stakeholder identification & management, governance, baseline & target analysis, implementation/transition planning, and change management
- 7+ year in **IT Project Management** complying with **PMI-PMP/Scrum/PMI-ACP** for stakeholder management, communication management, Time, Cost, Scope, Quality, and implementation
- 9+ years of experience in **Customer Facing** over multiple business domains (Government Sector, Mobile Network operators, Content providers, Technology providers, and others) with clients as follow (**Ras Al Khaimah eGA**, **Ajman Municipality**, **Ajman Customs**, **Meeras Group** UAE, **DEWA** UAE, **Smart Dubai** UAE, **MBC**, **Omantel** Oman, **Viva** Kuwait & Bahrain, **Orange** Egypt, **Vodafone** Egypt & Qatar, **Etisalat** Egypt & UAE, **DU** UAE, **Asiacell** Iraq, **SyriaTel** Syria, **Zain** Jordan, **Umniah** Jordan, **Djezzy** Algeria, **Meditel** Morocco, **BanglaLink** Bangladesh, **MobiLink** Pakistan, **Wind** Italy, **Wind** Canada, **STC** KSA, **Mobily** KSA, **Orange** Tunisia, **Ooredoo** Qatar & Tunisia, **Yallakora**, **Yallabina**, **Mazika**)

SKILLS

Architecture & Design	TOGAF (4 years), Design Patterns (GoF) (13+), SOLID (7+) , TMForum (eTOM, TAM, SID) (4+), SOA (9+), MVC (13+), EIP (9+), SCRUM (2), microservices (2+), PMP (7+), CISSP(3)
Java Technology	J2SE (13+ years), J2EE (13+), JMF (4+), JDBC (10+), JMS (4+)
Frameworks / ORM	Spring (6+ years), Spring MVC (3+), Spring WebFlow (2+), Apache Cocoon (8+), Lucene (2+) , JSF (4+), web3j/Ethereum (1), Apache iBatis (10+ years), Apache MyBatis (10+) & Hibernate (4+), Hyperledger (1),
Integration Frameworks	Apache Camel (4+ years), Apache CXF (4+), Openshift container Platform (2+), Apache AXIS (8+), JBOSS FUSE (6+), JDrools (5+), JBPM (4+), WSO2 Api manager (5+), 3Scale API manager(2+), IBM Integration Bus (1+), IBM MQ (1+), WS (REST/SOAP) (11+), Netty (4+), MINA(6+)
Web Technology	HTML (11+ years), XML (11+), XSLT (11+), JavaScript (11+), JQuery (11+), EXTJS (11+), CSS (11+), bootstrap (2+).
Database	Oracle (11+ years), MySQL (11+), Microsoft SQL (3+), Blockchain (1)
Web Servers / Implementation	Tomcat (11+ years), IBM WebSphere (3+), Nginx (4+), Pound (4+), HAproxy (4+). AWS Cloud (2+), Continuous Integration (Jenkins), Docker (1), CISCO Call Center/integration (1+, Avaya Call center/integration (1+), Circuits call center/integration (1+) , JIRA, CRM "TABS"(3+), Conversion Billing & Rating "CBS" (3+), ECM (8+), Dealer Management system, Campaign management system
Source Control	SVN (10+ years), GIT (3+), VSS (3+)
IDE/Build Tools	Maven (6+ years), ANT (6+), Eclipse (5+), NetBeans (11+) , JBoss developer (5+), IntelliJ (2+)
Operating Systems	Linux (11+ years), UNIX (5+), Windows, Linux scripting(10+), UNIX scripting(4+)

Certificates



- **TOGAF 9.1** Foundation certified
- Professional **Scrum** Master I certified
- **AWS Solution Architecture Associate** certified
- Frameworkx Foundation level Knowledge certified
- Business process framework (**ETOM**) Foundation level Knowledge certified
- Information framework (**SID**) Foundation level Knowledge certified
- Application framework (**TAM**) Foundation level Knowledge certified
- IELTS Band 7.5 certified
- **MuleSoft** Certified Developer
- **UIPath** RPA developer
- The Basic of **Blockchain** completion certificate
- **PMP** Course completion (IMS 2013, Udemy 2017)
- **CISSP** Course completion

Awards

- **Huawei Future Star 2015** (Huawei)
- **Viva Kuwait Certificate of Appreciation 2016** (Huawei)
- **Innovation Award 2013** (ARPU+)
- **Elite Team 2012** (ARPU+)
- **Senior Expert Team 2019** (Atos)

Professional EXPERIENCE



Accenture

Role: Technology Architect October 2019 – Present

Responsibility:

- Work on the integration system analysis and architecture.
- Creating the baseline (AS-IS) architecture, Transition Plan, and Target (TO-BE) architecture.
- Customer stakeholder management
- Managing Offshore/onsite team to deliver customer requirements and application maintenance process

Key Achievements:

- **Allianz Belgium / Delivery Lead**
 - Allianz is looking for technical delivery lead with an architecture experience to help building up a new Business Features, assessment to the existing technical architecture, and performance analysis and performance enhancements.
 - My role as Delivery Lead was managing the AS-IS architecture, consulting on the technical capability to enhance the existing architecture, and enhance the existing platform performance that can help customer to enhance their time to market and enhance their Operability, Performance, Maintainability, and stability
 - **Technologies:** Microservice, Spring boot, Apache Camel, Scrum, Swagger, REST, JAVA, DB2.

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- Work on the integration system analysis and architecture.
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Key Achievements:

- **Meraas group, Dubai Parks and resorts / Integration Architect, SDP application manager**
 - DPR is looking for management consultation over their existing integration landscape and management of the service delivery platform and re-engineering to the landscape in order to reach high agility and better scalability over their existing landscape.
 - My role as **Integration Architect / SDP manager** was managing the AS-IS architecture, consulting on the technical capability to do a transformation to an agile architecture that can help customer to reach their continuous changes and to manage the existing system with providing a full automation to the on premise SDP/middleware framework.
 - **Technologies:** SOA, JBOSS Fuse, Fuse Fabric, Accenture SDP, WSO2 API Manager, WSO2 IAM, JAVA, MYSQL.
- **DEWA (Dubai Electricity and Water Authority) /Enterprise Service Bus**
 - DEWA was looking forward for 5+ years with 10+ Million engagement to implement an ESB Solution to remove all the one-to-one integrations and to control all the operation business process and integration flows. Solution will manage the integration between smart grid, smart meters, back end systems, sales channels, IOT/MDM.
 - My role as **Pre-sales /Integration Architect** was preparing both financial & technical proposal, solution architecture, and presenting the solution to the customer
 - **Technologies:** Open Shift container platform, Fuse integration service, KAFKA cluster, JBoss Data Grid, JBoss BPM Suit.
- **Smart Dubai Government / Cloud Digital Market place**
 - SDG was looking forward to design and implement a unified Integration Platform as a Service in a Private Cloud that serves as an Integration Enabler for any integration requirements and API exchange between Government Entities, Semi-Government Entities and Enterprises in the Emirate of Dubai.
 - My role as **Pre-sales /Integration Architect** was preparing both financial & technical proposal, solution architecture with communication with Vendors then presenting the solution to the customer
 - **Technologies:** Open Shift container platform, Fuse integration service, SAP Hybris, Redhat cloudforms, Redhat Ansible
- **Pre-sale with a set of different clients**
 - **ServiceNow** implementation to **Majid Al Futim Holding UAE**
 - API management & Monetization using **3scale** to **Vodacom South Africa**
 - COE Team establishment (Agile, DevOps, Cloud, and Automation) to **Orange Sonatel Senegal**
 - Technical Operation Management with Agile transformation to **MTN global (all MTN operators)**
 - Unified messaging platform using **TIBCO BusinessEvents Container based** to **DU (UAE telecom operator)**
 - Siemens **Mindsphere** implementation (IOT platform) to **Masdr City Abu Dhabi smart city UAE**

Role: Solution Architect May 2017 – January 2018

Responsibility:

- Work on the integration system analysis and architecture.
- Creating the baseline (AS-IS) architecture, Transition Plan, and Target (TO-BE) architecture.
- Creating the Architecture Governance and architecture compliance matrices.
- Understanding Customer **RFI, RFP & BOQ** and prepare the financial/technical proposed solution.
- Demonstrate to customer financial /technical proposals as part of pre-sales activities.
- Customer stakeholder management
- Understanding the customer requirement, prepare the engagement scope and deliver **FRS, SRS and SOW**

Key Achievements:

- **RAK EGA /Government Service Bus**
 - o EGA was looking forward to implement an ESB Solution to remove all the one-to-one integrations and to control all the operation business process and integration flows. Solution will manage the integration between Governmental systems (DED, Municipality, EPDA, DMS, HR & Omani channels).
 - o My role as **Pre-sales /Solution Architect/ Business Analyst** was preparing both financial & technical proposal, solution architecture, and presenting the solution.
 - o **Technologies:** IIB IBM API Connect, WSRR.
- **Ajman Municipality /Enterprise Service Bus**
 - o AM was looking forward to implementing an ESB Solution to remove all the one-to-one integrations and to control all the operator business process and integration flows. Solution will manage the integration between Governmental systems & Omani channels.
 - o My role as **Pre-sales & Solution Architect** was preparing both financial & technical proposal, solution architecture, and development/implementation/demonstration of the required POC.
 - o **Technologies:** SOA, [IIB, IBM API Connect, WSRR & Microsoft SQL server DB] and [TIBCO business works, TIBCO MASHERY, TIBCO REST Adaptor & Microsoft SQL server]
- **National Bank of Fujairah/ FX Trader**
 - o NBF was looking forward to implementing a forex trading system for the treasury team that allows the bank customer, bank sales team, bank traders & platform admin to easily complete the trading life cycle and manage all the customer orders.
 - o My role as **Pre-sales/Solution Architect/System Analyst** was preparing the proposed solution architecture, preparing both financial & technical proposal, and development/implementation of the trading system backend APIs.
 - o **Technologies:** microservice, SOA, JBoss Fuse, Apache Camel, Apache CXF, Netty, JMS, MySQL DB, REST, J2EE, JQuery & myBatis.

Huawei technologies



Role: Solution Architect / Integration Architect November 2014 – May, 2017

Responsibility:

- System analysis and architect the BSS integration & order management solutions
- Prepare the RFP, technical PS, HLD & LLD for all the integration solutions
- Develop the required software integration solutions for network operators (e.g. CRM integration with network elements (provisioning), CRM integration with IN, CBS, network elements -...etc.)
- IT integration Projects management complying with PMI-PMP for requirement gathering, development, implementation
- Implement and deploy the integration solution- operate on the live integration project as a 3rd level support.
- Vendor management and vendor assessment management.

Key Achievements:

OmanTel Order Manager Solution / BSS transformation

- OmanTel to transform BSS platforms (CRM, Middleware, IN, Billing) to enable effective and customer-centric platforms that highly innovative with much less TTM.
- My role as **Integration Architect/integration engineer/OM project manager** was involved in designing a BSS Order management solution that orchestrates the integration between all OmanTel systems (captures, decompose, orchestrate, track & fulfill all the BSS orders). Also I was responsible of design & develop the unified policy management, design & develop the Subscriber lifecycle management, Design the unified product & service catalogue, Develop a set of the order management modules like (capture, decomposition, tracking & fault management).
- **Technologies:** TMFORUM, SOA, JBoss Fuse, 3Scale API manager , NGINX API GW, Apache Camel, Apache CXF, Spring, JBPM, JDrools, Netty, IIB 9, IBM BPM, IBM ILOG, Linux RedHat, Oracle DB & MyBatis
- **Viva Kuwait BSS Transformation**
 - Viva Kuwait to transform charging & billing BSS platforms into single management platform Huawei CBS.
 - My role as **Integration Architect/integration engineer** was preparing an ESB platform that used for designing and implementing communication between mutually interacting software applications. The platform is based upon automatically reading all CRM messages and dynamically transforms them to the targeted CBS (conversion-billing system) service. The platform handles a dynamic transformation, composite messages, messages re-sequencing, priority handling...etc.
 - **Technologies:** JBoss Fuse, Apache Camel, Apache CXF, NGINX API GW, REST, SOAP, Netty, JMS, Oracle AQ, Oracle DB, J2EE, Unix Solaris, JQuery & myBatis.
- **SyriaTel BSS Transformation Online Charging**
 - SyriaTel to transform online Charging (IN) BSS platform to the newest management platform Huawei OCS.
 - My role as **Integration Architect/integration engineer** was preparing an ESB platform that used for designing and implementing communication between mutually interacting software applications. The platform is based upon automatically reading all the CRM/ Provisioning messages and dynamically transforms them to the targeted OCS services. The platform handles a dynamic transformation, composite messages, messages re-sequencing, priority handling...etc.
 - **Technologies:** JBoss Fuse, Apache Camel, Apache CXF, SOAP, Netty, JMS, Oracle AQ, Oracle DB, J2EE, Unix Solaris, JQuery & myBatis.
- **IPCC (Call Center Client) [Avaya - Cisco - Alcatel]**
 - This is a Client platform that can manage the entire Call center agents request and receive all the CTI events. It integrates with different CTI systems like (**Avaya - Cisco - Alcatel**) and prepares proper UI components to allow customer care Agent to manage all his requests.
 - My role as **integration engineer** was to design and develop the framework backend and frontend.
 - **Technologies:** Java, Spring, Spring MVC, J2EE, JQuery, Ajax & JBoss Servers

ARPU+ (An Orascom Telecom Group)

Role: Software Development Team leader/ IT Project Manager, 09/2007 – 11/2014

Responsibility:

- Architect, Lead, develop, deliver & operate on Content & VAS workflow Automation platform
- IT Projects management complying with PMI-PMP for requirement gathering, development, implementation
- Architect, Lead, develop, deliver & operate on online designing tool for Mobile internet products that works with more than 12 Network operators around the globe
- Architect, Lead, develop, deliver & operate on Online Mobile Payment solution with a direct integration with over than 25 different operators around Middle EAST
- Manage technical life cycle of all the Mobile internet telecom service from design & architecture - development - UAT – operations.

Key Achievements:

- **RoboCon ECM (Content & VAS work flow Automation platform)**
 - o an ECM & Service management platform that turns out to be one of the biggest content & VAS management projects in middle-east to more than **12** network operators, **4** major CPs & **3** B2C content stores.
 - o My role as **Product manager and Technical lead** was to architect, design, lead, develop, & operate platform releases so the platform can handle all the content management workflow starting from content design, publication, service management, device management, recommendation engine, audit trail, analytic.
 - o **Technologies:** J2EE, JSF, Maven, Ant, spring web flow, Spring MVC, REST, SOAP, jQuery, IBATIS, Linux Suse/Ubuntu, GWT & MySQL.
 - o **Clients:** **Orange** Egypt, **DU** UAE, **Zain** Jordan, **Umniah** Jordan, **Djezzy** Algeria, **Meditel** Morocco, **BanglaLink** Bangladesh, **MobiLink** Pakistan, **Wind** Italy, **Wind** Canada, **MBC KSA**, **Yallakora**, **YallaBina**, **Mazika**
- **RoboConWAP (WAP portal solution)**
 - o A mobile internet management platform that allows the customers to design & publish their own mobile internet portals which was easy to manage and highly decreasing the TTM at the time and the project ends to be the main management system for **12+** network operators around the globe.
 - o My role as **Product manager and Technical lead** was to architect, design, lead, develop, & operate platform releases so the platform can handle all the portal cycle using a User Interfaces starting from (Layout management, Handset management, Content Adaptation, Terminal adaptation, Service Delivery, Online charging – Recommendation engine & Dashboards).
 - o **Technologies:** J2EE, Maven, jasper report, IBATIS, Linux Suse/Ubuntu, GWT & MySQL.
 - o **Clients:** **Orange** Egypt, **DU** UAE, **Zain** Jordan, **Umniah** Jordan, **Djezzy** Algeria, **Meditel** Morocco, **BanglaLink** Bangladesh, **MobiLink** Pakistan, **Wind** Italy, **Wind** Canada, **Yallakora**, **YallaBina**, **Mazika**
- **TPAY (Carrier direct billing platform)**
 - o One of the biggest direct carrier billing gateway in ME region with connectivity with **40+ mobile operators**.
 - o My role as **Technical lead** was to create the platform BE to manage all the mobile operator integration with operators CRM, Billing, IN, SMSC ...etc. & manage EDR analytic. I've been able to involve in integrating with **25+ network operators**.
 - o **Technologies:** J2EE, Maven, Cryptography and Hashing (RSA- AES – MD5 – SHA1), SOAP, REST, Linux Ubuntu, IBATIS & MySQL.
- **SMS2TV**
 - o A platform to allow administrator to receive the end user SMS for approval then queue the SMS to be. Published on a TV channel & the system integrate with TV channels for publication actions.
 - o My role as **Product manager and Technical lead** was to architect, design, lead, develop, & operate platform releases.
 - o **Technologies:** J2EE, Maven, SOAP, REST, Apache AXIS, IBATIS, Linux Ubuntu, JQUERY, Ajax & MySQL, Setup BOX
- **Multiplayer Gaming backend**
 - o A platform that works as P2P server to manage Mobile API, desktop games or chat client to communicate with each other with high performance & scalability regardless from their operating system.
 - o My role as **Product manager and Technical lead** was to architect, design, lead, develop, & operate platform releases.
 - o **Technologies:** J2EE, Maven, AWS EC2, Cryptography and Hashing (RSA- AES – MD5 – SHA1), REST, Apache Mina, JQuery, Ajax, Linux Ubuntu, IBATIS & MySQL.

- FedEx Egypt web portal
- P&G training system



Nordix computer coropration

Role: Java Developer, 09/2006 – 03/2007

Key Achievements

- Develop java Online messaging platform for Egyptian Military

Languages

Arabic: Mother tongue

English: Fluent

EDUCATION

Bachelor of Engineering

Cairo University, Egypt

Graduated 2005

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