**Profile Objective:**

A highly experienced Application, Integration solution architect [Cloud and on-premises], results-oriented and hands-on technologies with particular expertise in Java, middleware and cloud enterprise solutions, over sixteen years of experience in developing, designing and architecting software and services, demonstrated ability to acquire technical knowledge and skills rapidly.

**Education:**

Mansoura university / Bachelor of Computer Science 2001-2005

**Certifications:**

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| --- | --- |
| [Google Certified Professional Cloud Architect](https://www.credential.net/ixuqvfmf) | 2019 |
| MuleSoft Certified Developer [Mule 4] | 2019 |
| Red Hat Middleware Delivery Specialist (**BPM, JBoss FUSE, Openshift Cloud**) | 2015 |
| [TOGAF Certified Architect](https://www.youracclaim.com/badges/444446bf-c516-42d4-b62d-f3cd854ef135/linked_in_profile) | 2015 |
| [TOGAF Foundation Certification](https://www.youracclaim.com/badges/444446bf-c516-42d4-b62d-f3cd854ef135/linked_in_profile) | 2014 |
| SUN Certified Enterprise Architect (**SCEA**) | 2010 |
| SUN Certified Business Component Developer (**SCBCD**) | 2009 |
| SUN Certified Web Component Developer (**SCWCD**) | 2007 |
| SUN Certified JAVA Programmer (**SCJP**) | 2007 |

**Professional Experience:**

**- Solution Integration Architect / Telus Health, May 2019 to July 2019**

* Perform architecture review and recommendation regarding current FHIR, HL7 implementations, including cloud infrastructure based on Redhat OpenShift cloud.
* Develop health integration solutions based on Mule soft4 ensuring alignment with business objectives.
* Recommend and institute best practices, frameworks, patterns, tools and reference architectures.
* Define integration and API strategy for the enterprise with optimal cost effective integration patterns.
* Participate in the architecture, design, development and documentation of new and enhanced services based on Spring boot and apache Kafka, Camel, MQ and mule 4.
* Conduct product/tools evaluation and provide enterprise appropriate recommendations.
* Ensures architecture delivered according to plan, design, and deployed successfully, including on premise and cloud.

**- Integration Solution Architect / Logimethods, March 2017 to April 2019**

* SOA Architecture Assessment including road map, risks, gaps and recommendations.
* Define and evaluate Integration strategy.
* Evaluate SOA maturity level and define plans to move with next level.
* Define evaluation grid and scorecard for SOA assessment.
* Define evaluation grid and scorecard for EDI implementation assessment.
* Lead Architecture and implementation activities.
* Adopt SOA using SOA reference architecture 'blueprints'.
* Perform architecture review and recommendation regarding current implementation, including infrastructure landscape and best practices.
* Assessments for cloud integration solutions with Google Cloud Platform (GCP), AWS.
* API Governance Management [Apigee, WSO2, API Gateway, AWS API and mule API manager].

**Clients:**

**Peerless Clothing Inc**: Peerless Clothing is the largest supplier of Canadian made and imported men's tailored clothing to major department and specialty store retailers in the United States and Canada.

**Responsibilities**:

* Assessment and evaluate of current SOA implementation.
* EDI retail management solution Implementations.
* Migration from Lexicom EDIINT to webMethods TN EDIINT.
* Lead all design, implementation activities.
* Rearchitect and redesign major Retail EDI transactions 850, 860, 856, 820, 855, 865, ...
* Migration of WM 9.8 to 10.1.
* API management through WSO2 API Manager.
* SAP IDOC Integration to handle major transactions.
* Evaluate and implement some component over AWS.

**SunLife Financial**: Sun Life Financial Canada offers financial planning, investment options, retirement savings, life insurance, health insurance, group benefits and more.

**Responsibilities**:

* Adopt SOA by using SOA reference architecture.
* Design, implement integration systems, modules, business process flows.
* Design SOA solutions using 10.x Architecture platform.
* API management through mule soft 4.
* POC and assessments for cloud solutions over GCP and AWS.

**- Integration Solution architect/ OPTICCA Consulting, April 2013 to Feb 2017**

* Design Client Architecture and advice on best practices.
* Understand client’s requirements and its business viabilities.
* Adopt SOA using SOA reference architecture.
* Design, and implement integration systems, modules, business process flows.
* Design SOA solutions using WebMethods 6.5, 8 and 9 Architecture platform.
* Design SOA solutions using JBoss Fuse 6.x Architecture platform.
* Design SOA solutions using Oracle SOA Suite and Oracle service Bus.
* Provide advice on information systems strategy, policy and service delivery.
* Ensuring that all components of the technical and solution architecture are properly implemented.

**Clients:**

**InnovaPost**: InnovaPost is the Information Technology Shared Services provider for the Canada Post Group of Companies, including Canada Post, Purolator, and SCI Group.

**Responsibilities:** Senior consultant architect (help and assist internal teams to achieve targets, prepare POC, integration architecture documents adopting SOA blueprints within JBoss Fuse)

**Tools:** Fabric8, Apache CAMEL, MAVEN, GIT, IBM MQ, SAP, Openshift cloud, AWS and JBoss Fuse.

**TELUS Health GTA & Montreal**: TELUS Health is a leader in health care, electronic medical and health records, consumer health, benefits management and pharmacy management.

**Responsibilities:** Senior Integration consultant (help, assist internal teams to achieve targets, prepare POC, produce solution/integration architecture documents, requirements and design documents, adopting SOA blueprints, advice client for final decisions migrating from webMethods to Jboss Fuse fabric)

**Tools:** WebMethods 8.2,9.7 and 9.9, Optimize components, WM Broker, Java, Oracle, REST, SOAP, BPM, TN, CAF, HL7, UM, Layer7, Oracle IDM, Oracle SOA Suite 12c, FHIR, STS, SAML, WebSphere MQ, AKANA, Provider Registry, Oracle IDM, AWS cloud, WebLogic, BAM and Fabric8, Apache CAMEL, Apache CXF, Active MQ and JBoss Fuse, GCP, APIgee.

**Orange County & San Mateo County (Department of Justice in Orange County and San Mateo):** The requirement was to create a Portal for officers (3000+) from police agencies to fill a probable declaration form when an individual is arrested, Judges can then approve or reject these forms. In the back-end, a business process work flows allows administrator to follow any instance of this process, upon approval/rejection, notifications are sent, the form is printed to the jail and archival of the data is sent to the Courts via web service.

**Responsibilities:** Senior Integration consultant (help and assist internal teams to achieve targets, prepare POC, produce solution/integration architecture documents, adopting SOA blueprints, advice client for final decisions)

**Tools**: WebMethods 8, 9.X tools, CAF, Java enterprise, JavaScript, Oracle, WSO2 identity server, REST, SOAP, OKTA API manager, BAM, SAML Jboss AS and BPM.

**CHEO (Children Hospital of Ontario):** The Children's Hospital of East Ontario required CAF development for a screen that would allow the management of patients admitted in the NICU. The objective of this screen was to search for patients and review/reset baselines for incoming vitals, monitor real time Vitals, design and develop KPI to monitor Vitals.

**Responsibilities:** Senior Middleware consultant (prepare POC, produce solution/integration architect documents, requirements and design documents, adopting SOA blueprints, advice client for final decisions, lead internal teams)

**Tools:** WebMethods 8.2, Optimizer, WM Broker, Java, SqlServer, BPM, HL7, CAF, SOAP, Tibco Business works ,AWS and WebSphere MQ.

**SASKTEL:** SaskTel is Saskatchewan's leading full-service communications provider, offering wireless, Internet, TV, home phone, security, and business solutions

**Responsibilities:** Senior Middleware consultant (produce requirements and design documents, adopting SOA blueprints, lead internal teams)

**Tools:** WebMethods 8.2, Optimizer, WM Broker, Java, SqlServer, BPM, SOAP and WebSphere MQ.

**- SOA Analyst Consultant / Dempton Groupe Conseil, March 2012 to April 2013**

* Review Client Architecture and advice on best practices.
* Design, and implement integration systems, modules, business process flows, and optimize process and infrastructure.
* Design SOA Applications by using WebMethods 6.5 / 8 .2 architecture.
* Provide advice on information systems strategy, policy and service delivery.
* Design, develop and implement information systems business solutions.
* Co-team with the Solutions Architect to produce a technical specification for custom development and systems integration requirements.

**Clients:**

**Care Stream:** Built interfaces leveraging SAP adapters to communicate with R3 system as well as web services and JDBC connections to communicate with Planview system. Implementation was done by leveraging webMethods Broker to publish and subscribe messaging through JMS queues.

**Responsibilities:** SOA Analyst (produce requirements and design documents, adopting SOA blueprints, advice client for final decisions, lead internal teams)

**Tools:** WebMethods 8.2, SAP, Oracle, SOAP, REST, J2EE.

**- Lead Software Engineer / Hewlett-Packard (HP), 2011 to 2012**

* Participates as a member of and leads development teams.
* Leads design activities.
* Applies HP and 3rd party technologies to complex software solutions of moderate complexity.
* Independently implements end-user or enterprise solutions complexity or services prepared by more senior technologists for more complex solutions.
* Assign work to others.
* Provide time / resource estimates for assigned projects.

**Clients & Projects:**

**WIND:** Wind Telecommunication is an Italian telecom operator which offers integrated mobile, fixed and Internet services.

**Responsibilities:** Lead J2EE Engineer (produce solution/integration architect documents, Architect solutions, Lead team, Leads design activities)

**Tools:** Spring, EJB, Oracle DB, J2EE, Tomcat, Jboss FUSE, Apache Camel Oracle webCenter, JSF, Struts, Scala, Web Services, WebMethods Products, Oracle SOA Suite 11g, Oracle service Bus, WebLogic, Tibco BW 5.7, TIBCO BW 5 WebSphere MQ

**- SOA Senior Consultant / Asset Technology Group, 2010 to 2011**

* Design, and implement integration systems, modules, and business process flow.
* Responsible for integration systems.
* Provide technical designs and prototype implementations for portals, web and enterprise applications.
* Responsible for driving and selecting technologies, and guiding teams through implementation phases.
* Analysis, architecture, system design and database design.
* Prepare project related documentation.
* Ensure project conformance to quality standards.
* Lead teams.

**Clients & Projects:**

**Orange Telecom:** Orange is one of Egypt's three mobile phone operators; The Company is majority-owned and fully consolidated by Orange Telecom.

**Responsibilities:** SOA Lead Designer (produce solution/integration architect documents, adopting SOA blueprints, advice client for final decisions, Lead team)

**Tools:** Spring, EJB, Oracle DB, J2EE, Tomcat, Jboss, oracle WebLogic, Oracle webCenter, JSF, Struts, Web Services, apache Camel, apache ServiceMix, TIBCO 5, WebSphere application server, j2ee, Jboss, SQL Server, spring.

**Federal Portal of united Arab of emirates**: The Federal portal is the federal entity entitled to establish the UAE eGovernment (<http://www.government.ae>), the Federal portal is contributing to the implementation of the UAE Government IT Strategy which aims to:

* Establish sustainable development
* Improve life of citizens, Visitors, Business and [Residents](http://web1.government.ae/gov/en/res/index.jsp).
* Modernize Government services
* The Federal portal is setting up and managing the unified electronic portal of the UAE, a comprehensive platform for all Government services and information.

**Responsibilities:** Lead J2EE Engineer (produce solution/integration architect documents, Architect solutions, Lead portal team, Leads design activities)

**Tools:** Liferay portal, JBPM, j2ee, JBoss, sql Server, spring, struts, Tibco BW 5.3 and WebLogic.

**Software Engineer / ITWorx, 2008 to 2009**

* Design, develop, and implement systems, modules, and workflows.
* Build system infrastructure and install required third party products.
* Conduct unit tests and fix project defects.
* Write requirements and design documents.
* Participate in requirement analysis, architecture, system design and database design.

**Tools**: spring, spring web Flow, spring security, spring MVC, Oracle DB, J2EE, Tomcat, JSF, Rich Faces, WebSphere application server and webMethods tools.

**Senior Software Engineer/ ASGATech, 2006 to 2008**

* Participate in requirement analysis, architecture, system design and database design.
* Ensure project conformance to quality standards and design patterns.
* Building Mobile applications (Enterprise, personal, entertainment) to be published on Nokia Devices.

**Tools:** Spring, EJB, Oracle DB, J2EE, Tomcat, JSF, J2ME, Web Services, PHP, JavaScript, WebMethods 6.5 tools.

**Software Engineer/ Alrowaad, 2003 to 2006**

* Participate in requirement analysis, architecture, system design and database design.
* Design, develop, and implement systems, modules, and workflows.

**Activities and Interests:**

SOA Magazine: [http://www.soaPassion.com](http://www.soapassion.com) (founder)

Founder of Hapiconsulting.com