Curriculum Vitae

Kambiz Shahri-Cooney

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Personal Data

Marital status: Married
UK Status: **Citizen** – Belgian Status: **Resident**
BE Driver's License: Yes (clean)

Academic Education

BSc Computer Science (Honours), UK

Professional Qualifications

TOGAF 9 Foundation Certified (part I)	(year 2011: 95%)	OMG, License UC1LON5060
UML 2.x Certified	(year 2005: 70%)	
OCJP (J2SE 6) Java Programmer	(year 2011: 83%)	Oracle, LicenseSUN703157
Certified Scala Programmer	(year 2016: 96%)	License 9H4SYEPJS8WD

Member Association of Open Group Enterprise Architects

Ongoing Professional Qualifications

JSE 8 Certified Java Programmer Upgrade (Oracle) - 1Z0-813
Certified Kubernetes Developer (RHEL/OCF)

Synopsis

Kambiz is a senior I.T. professional, native English speaker and polyglot with a track record spanning different technical, vertical and geographical domains. He has extensive technical and architectural (solutioning) experience with an emphasis on UML as a structured approach to specifications. His hands-on experience does not detract from, and buttresses his architectural skills.

He takes great pride in having successfully completed engagements for the likes of:
Bayer CropsScience (BE), **ING** (BE), **Deutsche Bank** (DE), **Amadeus Data Processing** (DE), **Adobe** (SA), **UBS Warburg** (CH), **Vodafone** (SA), **BSkyB** (UK), **Barclays Bank** (UK), , **Oracle** (AUS) and **Riyadbank** (KSA).

Backed by over a decade of programming experience, he has as many years of experience as an hands-on solutions architect and as a senior designer/developer.
The verticals in which he has gained most subject-matter expertise in are:

- **Retail Banking & Investment Banking**
- **Telecommunications**
- **Energy**
- **Primary Insurance and Reinsurance**

He possesses the following generic qualities:

- Excellent Customer Facing skills
- Excellent Quality Assurance skills
- Excellent Analysis and Design skills
- Excellent Mentoring skills
- Excellent Personal Organizational skills
- Very strong written and verbal communication skills (English)

Skills Matrix

Programming Languages	Java 5/6/7/8/11 {8+ Years}	JavaScript ES5/6 {1 Year}	Scala {6 Months}	Groovy {6 Months}	Scripting / DSL {10+ Years}	C {5+ Years}
Testing	Cypress, {1 Year} Chai {1 Year}	Spock {2 Years}	JMockit {5 Years} Junit/ TestNG {8+ Years}	EasyMock {6 Months}	SOAPUI {5+ Years}	Postman {2 Years]
Java Ecosystem	Google Guava {5+ Years}	Spring 3/4/5 {5+ Years}	SpringBoot {2+ Years}	Spring Data {2+ Years}	Spring Data-REST {2 Years}	JEE 6/7 {5+ Years}
Java Ecosystem	Hibernate / JPA {3+ Years}	Apache Commons {5+ Years}	Jackson {3 Years}	Lombok {3 Years}	JAX-WS / JAX-RS {5+ Years}	
Agile / CM Build Pipeline	JIRA/Stash/Git/Confluence/Jenkins/Bamboo/Travis {5+ Years}	Gradle {4 Years}	Maven 3 {4+ Years}	Nexus {5+ Years}	Artifactory {4+ Years}	SBT {6 Months}
SOA	Swagger 2/3 {5+ Years}	SOAP 1.1/1.2 {5+ Years}	XSD/ WSDL/WADL {5+ Years}	OSB {5 Years}		
Tooling	IntelliJ {4+ Years}	Eclipse …Mars, Neon {5+ years}	Github/BitBucket/Stash {5+ Years}	MobaXTerm {3+ Years}	HPALM {2+ Years}	SVN {5 Years}
Application Servers	Oracle Weblogic …12c {5+ Years}	Glassfish 3/4 {3 Years}	Jboss 6/7 {2+ Years}	Jetty {1+ Years}	Tomcat 3+ {5+ Years}	Nginx {1+ Years}
Virtualization	VirtualBox/Vmware Workstation {3+ Years}					
Presentation	Vue.js {6 Months}	Jquery {6 Months}	Swing {5+ Years}	JS/ Typescript/ ECMA {6 Months}	HTML 4/5 {5+Years}	
Persistence	Hibernate/JPA {5+ Year}	JDBC {5+ Years}				
Messaging	Kafka/Zookeeper {1+ Years}	ActiveMQ {2+ Year}	RabbitMQ {6 Months}	ApacheCamel {6 Months}		
Protocols	HTTP/HTTPS {5+ Years}	SOAP {3+ Years}	JMS {5+ Years}	LDAP {5+ Years}	ssh {5+ Years}	
DB/NOSQL	MySQL {5+ Years}	MariaDB {2+ Years}	Postgres {4+ Years}	SqlServer {3+ Years}	Oracle DB {5+ Year}	Couchbase 3 {1 Year}
O/S	RHEL7/Ubuntu/Centos {4+ Years}	Windows 7/10 {5+ Years}	Mac OSX {3+ Years}	HP-UX, Solaris {5+ Years}		
Cloud	AWS {1 Year}	Openshft {6 Months}	K8s {6 Months}			
Big Data	Spark Streaming {6 Months}	MapR {6 Months}	RxJava {6 Months}	Elastic Search {3 years}	FileBeat {6 Months}	
Methodology	Design & Architecture Patterns {5+ Years} Enterprise Architect (www.parxsystems.com) {5+ Years}	TDD {5+ Years}	Java Design Patterns {5+ Years}	TOGAF {2 Years}	ITIL {3+ Years}	Integration Patterns {5+ Years}
Security	HTTPS/TLS {5+ Years}	WS-Security {5+ Years}	O-AUTH {3+ Years}	KeyClaok RedhatSSO {3 Months}		
Methodology	Agile (SCRUM/KANBAN) {6+ Years}	CMMI {3+ Years}	Delivery Pipeline {5+ Years}	DDD {1+ Years}	CQRS {1+ Years}	Model Driven Design & Arch.: UML1.4-2.x {5+ Years}
Miscellaneous	JSON {5 Years} Java Mission Control {2 Years}	TOAD {4+ Years} SQL Developer {5 Years}	App Dynamics {1 Year} Powershell {2+ Years}	ORACLE SOA Suite {2+ Years}	F5 Load Balancer {1+ Year}	Enterprise Architect {5+ Years}

Professional Work Experience

Feb 2020-to-date
Proximus, Brussels, Belgium
Roles: **Java Programmer**
Position: Independent Consultant
Project: Customer Master Data Management for the Entire Enterprise
Tech/Tooling: Enterprise Architect, Java 8, C, Embedded SQL, Guava, Spring Boot, Jackson 2.x, Maven, Linux, TestNG, SonarQube, Git, Nexus, Jenkins, CI/CD, SOAP-UI, Postman, Swagger, IntelliJ 2021
Method: Agile (SCRUM)

Duties:

- **Java Programming / Refactoring of Legacy Applications**
- **API Design & Technical Analysis**
- **Mentoring Java Programmers**
- **General Design Work**
- **Specification Refinement with Analysts**
- **On/Offshore development model**
- **Code Reviews**
- **Technical Brown Bag Sessions**
- **Agile mentoring where appropriate**
- **Participate in the Technical Governance**
- **UML Specification of Application Architecture**
- **UML Specification of Feature Design**

Highlight Achievement to Date:
- **Proximus Master Data Address Validation across ALL Master Data Applications including offline batches, are utilizing the Libraries I wrote in my team.**
- **Retrofitting of an application to a previous version of Java, due to legacy nature of the application base in a very tight time-boxed setting.**

Feb 2018-to-Nov 2019
ENGIE Electrabel, Brussels, Belgium
Roles: **Java Programmer**
Position: Independent Consultant
Project: Refactoring of B2B and B2C portals
Tech/Tooling: Enterprise Architect, Java 8, Guava, Spring Boot, Jackson 2.x, Gradle, Maven, Vue.js, ES5/6, Azure DevOps, Linux, Team Foundation Server, Magnolia, Cypress, FileBeat, TestNG, SonarQube, Git, Nexus, Jenkins, CI/CD, Elastic Search, Kibana, SOAP-UI, Postman, Swagger, Intellij 2019.x
Method: Agile (SCRUM)

Duties:

- **Architectural refactoring of existing mission-critical Java applications (B2B and B2C portals)**
- **Digital transformation of the SOA landscape to Mircoservices**
- **CI/CD design and implementation**
- **Java Application code reviews**
- **Functional UX Quality Assurance design and POC (Cypress, Ubuntu)**
- **Application monitoring design and implementation (ELK stack)**
- **WSDL/Swagger design and documentation (SOAP-UI, Postman)**
- **Continual improvement program (Innovation track)**
- **UML Specification of Application Architecture**
- **UML Specification of Feature Design**

Jun 2017-Jan 2018	Jan 2017-Jun 2017
Deutsche Bank, Frankfurt, Germany	**Bayer Crop Science, Gent, Belgium**
Roles: **Java 8 Integration Programmer**	**Roles:** **Back-End Java Programmer**
Position: Independent Consultant	**Position: Independent Consultant**
Project: Replacement of point2point architecture with an integration services for instant SEPA payments with DevOps duties on Openshiftv3. Microservices architecture.	**Project**: Big Data Curation Genetic Engineering Application Suite (web application) for the management of genetic marker and map information for the genetic engineering seed design of Bayer for the agricultural industry.
Tech: Java 8, Guava, SpringBoot, Maven, Jira, Stash, Jenkins, Confluence, Scrum and Kanban, Source Tree, TestNG, Jacoco, SonarQube, Git, Intellij, Elastic Search, FileBeat, Kibana, ApacheCamel, AppDynamics. Openshiftv3, SLF4J	**Tech:** Java 8, RxJava 2.0, Guava Spring (MVC, beans, REST, Security), Gradle, Maven, Jira, Stash, Bamboo, Confluence, Kanban, Source Tree, HipChat, (Atlassian Suite), xUnit, TestNG, Jacoco, SonarQube, JBoss EAP 6/7, Oracle, Git, Intellij (IDE), Swagger. SQL Developer, SOAP-UI, Elastic, Groovy, Spock, SpringData
Method: Agile (Sprint / KANBAN)	**Method**: Agile (Sprint / KANBAN), Domain Driven
Duties:	
Design and implementation of the SEPA Instant Payments compliance	

Engine.	Design (DDD), CQRS **Duties**: Design and implementation of the back end components.
Mar 2016-December 2016 **ING, Brussels, Belgium** **Roles: Java Programmer** **Position: Independent Consultant** **Project**: Currently helping ING achieve their Continuous Delivery / Delivery Pipeline modernization goals across their entire global application inventory. **Tech**: JEE6, Java 8, Maven, Gradle, JIRA, Stash, Confluence, xUnit, TestNG, Jacoco, SonarQube, Jenkins **Method**: Agile (Sprint / KANBAN) **Duties**: Design and development of the GDPR Java data cleansing layer.	Oct 2016-December 2016 **BNPPFortis, Brussels, Belgium** **Roles: SOA Transformation Architect: Risk and Credits** **Position: Independent Consultant** **Project**: SOA transformation Refactoring for the Risk and Credits domain **Tech**: BPMN, SOAP, REST, Enterprise Architect **Method:** Agile, SCRUM **Duties:** Due diligence of the architectural principles and implementation of the SOA strategy within Risk and Credits.
Aug 2015-Feb 2016 **Amadeus Data Processing, GmbH, Germany** **Roles: BigData Streaming Analytics Progammer /API Designer** **Position: Independent Consultant** **Project**: Monitoring stream of Amadeus Cloud Services **Tech**: JEE6, Java 8, Restful/SOAP Web Services logstash, maven, gradle, JIRA, Stash, Confluence, Enterprise Architect, Linux, kafka, Junit, TestNG, Spring 3/4.x, SpenStack, Docker, Spark, Spark Streaming, Hadoop, MapR, InfluxDb, Scala **Method**: Agile / Scrum / Sprint **Duties**: I re-wrote the monitoring libraries for the on premise cloud implementation of the data centre in Java/Scala: 1. Spark Streaming / Java / Scala framework development 2. Spark Streaming User Story Implementation 3. TDD and production support across time-zones 4. Build pipeline implementation (gradle and Maven) 5. Front-end refactoring of the Grafana monitoring UI 6. Reporting to SM and PO 7. Multi-stream collaboration (3 global sites) 8. Agile development 9. Architectural and agile coach (when required) 10. Docker image management 11. Refactoring	Aug 2014-Aug 2015 **Amadeus Data Processing, GmbH, Germany** **Roles: Java/JEE Application Architect** **Position: Independent Consultant** **Project**: Tooling for operations **Tech**: JEE6, Java 7/8, Swing, ELK stack, maven, gradle, JIRA, Stash, Confluence, Restful/SOAP Web Services Enterprise Architect, Linux, VMWare, F5, Glassfish, Apache MQ, Jquery, Jquery-UI, Angular, Linux, ant, Junit, TestNG, JPA, Spring 3.x, Coucbase 3.x, JacORB, JBOSS, TAO **Method**: Agile / Scrum / KANBAN **Duties:** Amadeus Data Processing GmbH. is to the airline and travel industry, what Amazon Web Services is to IAAS for businesses. Similarly it relies on mission critical tooling at its data center operations to manage the 6000 severs; this toolset is the focus of my work at Amadeus 1. Front-end development (Java/Swing) 2. TDD Java development 3. Architectural refactoring (Couchbase) 4. Thin-Client POC (Jquery, Angular) 5. Production maintenance, support and monitoring 6. User Story Implementation
Jan 2014-Aug 2014 **Government Pensions Agency, South Africa** **Role: JEE Application Architect** **Project**: SOA Transformation & Modernization **Duties:** Design and Development.	Jul 2013-Jan 2014 **Abobe Global Consulting Services, South Africa** **Role: Content Management Solutions Architect** **Project**: Digital Marketing Projects for end-clients. **Duties**: Content management solutions architect
Jul 2012-Mar 2013 **Riyadbank, Riyadh, Saudi Arabia** **Role: Technical Delivery Manager** **Project**: Multiple modernization programs **Duties**: Technical delivery (all client facing systems)	Dec 2011-Jul 2012 **Vodafone, Johannesburg, South Africa** **Role: Cloud Solutions Architect** **Project**: Web and mobile (AWS) application **Duties**: POC Senior Developer / Technical Lead
Nov 2010-May 2011 **Michael Page International, London, UK** **Role: SOA Designer** **Project**: SOA Transformation **Duties**: SOA Developer	Jan 2010-Nov 2010 **Sky Corporation, Scotland, UK** **Role: Lead SOA Designer** **Project**: SOA Transformation **Duties**: SOA Design and Development
Jan 2009-Jan 2010 **Langebaan, South Africa** **Role: Design Engineer** **Project**: Civil engineering sabbatical	Apr 2008-Dec 2008 **ORACLE, Melbourne, Australia** **Role: Senior Principal SOA Architect** **Project**: Greenfield SOA infrastructure implementation. **Duties:** SOA Technical Lead
Aug 2006-Dec 2007	Mar 2005-Jul 2006

Telkom, Johannesburg, South Africa **Role: Integration Architect** **Project**: Maintenance and architectural refactoring of an Enterprise-Wide Service Bus. **Duties:** OSS Java Developer	**TDC, Denmark** **Roles: Integration Architect** **Project**: OSS/J Framework for the real-time processing of MMDSL Orders. **Duties:** OSS Developer
Oct 2004-Feb 2005 **Royal Bank of Scotland, Edinburgh, UK** **Roles: JEE Application Architect** **Project**: B2B payment system revamp **Duties**: JEE Developer	Jul 2003-Aug 2004 **Deutsche Bank, Frankfurt, Germany** **Roles: SOA Designer** **Project**: SOA FX Sales Support Application. **Duties**: SOA Designer (service catalogue)

Natural Languages

English: Fluent (spoken and written)	**French**: Moderate
German: Basic	