

Dino Fancellu

Email Address dino@felstar.com **Nationality** British
Status Married

Linkedin **Senior Scala Consultant: London or remote contracts only**

SKILLS SUMMARY

Business Derivatives, Risk, E-Commerce, FX, SWIFT, Settlement Systems, Data Feeds, FpML, Integration, Publishing
Design UML, Relational Databases, Object Oriented Design, Software QA, TDD, BDD, Functional Programming, ETL, EAI/EIP
Client HTML5, AJAX, jQuery, JavaScript, React, D3, SVG, Scala.js, Vue.js, Quasar
Server Play, JDBC, Scalatest, JNDI, Servlets, Spring, MapReduce, NoSQL, Akka, Actors, SBT, Cats, Monix, Spark, Slick, Node.js
Message XML/XSLT XPath, XQuery, JAXB, SOAP, JMS, Spring-WS, Spring Integration, MQ, Sockets, Netty, RDF, Spray, Akka HTTP
Languages Database Scala, Java, XSLT, XQuery, Python
SQL Server, Sybase, Oracle, PL/SQL, MarkLogic, Neo4j, Elasticsearch, MySQL
O/S Linux, Microsoft Windows, Docker, AWS

PROJECTS

Publications/Talks **Open Source**
[XML Processing in Scala: paper for XML London](#) [scalajs-vue \(85 stars\)](#)
[Extended XQuery for SOA: for xml.com](#) [xqs \(34 stars\)](#)
[jmsScala \(19 stars\)](#)

[Scala Contractors UK Linkedin Group Administrator \(400+ members\)](#)

WORK SUMMARY

Director	Felstar Ltd (Own Ltd Company)	Jan 2000 - Present
Scala Developer	Guardian News Media	Feb 2019 – April 2019
Scala Developer	Atos/HMRC	May 2017 – Dec 2018
Scala Developer	Atos/HMRC	Aug 2016 – Oct 2016
Scala Developer	On Track Retail	Feb 2016 - May 2016
Senior Scala Dev	CAXIS	Mar 2015 – July 2015
Scala Lead Dev	Inkflash	Oct 2014 – Mar 2015
Java Engineer	HSBC Global banking and Markets	May 2014 – Oct 2014
Scala Engineer	Barclays Corporate	Aug 2013 – Jan 2014
XSLT Developer	TSO	Apr 2013 – July 2013
Integration Dev	Standard Bank	May 2011 – Sep 2012
Java Developer	HSBC Global banking and Markets	Jun 2010 – Sep 2010
eCommerce STP	Unicredit Bank	Mar 2010 – May 2010
XQuery Developer	JPMorgan Chase	Aug 2009 – Mar 2010
Java XML Developer	Reuters PLC and Thomson Reuters PLC	Jan 2008 – Nov 2008
Java XSLT Developer	Fitch Ratings PLC / ValuSpread	Oct 2006 – Nov 2007

EMPLOYER POSITION	FELSTAR LTD CONSULTANT / DIRECTOR	Jan 2000 – Present
CLIENT BUSINESS	Guardian News Media	Feb 2019 – April 2019
	GDPR compliance automation, SAR and RER requests to 20+ systems	
TECHNOLOGY	Scala, Play 2.7, Akka Actors, ScalaTest, Slick, Enumeratum, AWS (Lambda, RDS, API Gateway, S3, Athena, Parameter Store), Postgres, Google Drive, Mockito, Javascript, Vue2, Quasar	
CLIENT BUSINESS	Atos/HMRC	May 2017 – Dec 2018
	Working on <u>Help To Save</u> for HMRC	
TECHNOLOGY	Scala, Play Framework, ScalaTest, Mockito, HTML 5, GDS, Java, Fuse, Junit, JAXB, openhtmltopdf Code reviews, new features, bug fixes, porting to Play 2.5.x	
CLIENT BUSINESS	Atos/HMRC	Aug 2016 – Oct 2016
	Working on Tax Free Childcare for HMRC https://childcare-support.tax.service.gov.uk/	
TECHNOLOGY	Scala, Play Framework, Guice, Spray, ScalaTest, Mockito, HTML 5, Jenkins, GDS Code reviews, Bug fixing, Major refactoring, SBT improvements, porting entire front end to Play 2.5.x	
CLIENT BUSINESS	On Track Retail	Feb 2016 – May 2016
	Working in the train ticketing space. https://www.ontrackretail.co.uk/	
TECHNOLOGY	Scala, MySQL, Slick, scalaxb, Spray, Akka Actors, Akka-Http, Kanban, npm, handlebars/mustache, Kamon, grafana, statsd, graphite, Docker, Vagrant, Datadog, ScalaTest, RabbitMQ, Akka Streams, Mockito, AWS	
CLIENT BUSINESS	CAXIS	Mar 2015 – July 2015
	Working in the OOH advertising space creating a proof of concept for a new platform.	
TECHNOLOGY	Scala, Vaadin/Scaladin, HTML 5, Slick, POI, MariaDB, CSS, Sass, Leaflet, Javascript	
CLIENT BUSINESS	Inkflash	Oct 2014 – Mar 2015
	Working on a 3D book store, sitting on top of Amazon data http://inkflash.com https://www.youtube.com/watch?v=Y2rloTfJgAA	
TECHNOLOGY	Scala, Scalatra, Scaladin/Vaadin, HTML 5, ScalaTest, Akka Actors, Neo4j graph database, Play Framework	
CLIENT BUSINESS	HSBC (Via Oracle Consulting)	May 2014 – Oct 2014
	<u>EMIR Delegated Reporting</u> for Data Services Layer (DSL).	
TECHNOLOGY	XSLT, Java 7, Spring, Spring STS, Saxon, Drools, Maven, JUnit, RTC Jazz, jsoup, FpML 5.x, XSD, ElasticSearch, Logstash, Kibana	
CLIENT BUSINESS	Barclays Corporate	Aug 2013 – Jan 2014
	Working on a strategic mobile payment platform: Pingit for corporates	
TECHNOLOGY	Java 7, Scala, Spring MVC, REST, Vaadin, Scaladin, Scalatra, Scalate, Akka Actors, Spray, HttpClient, Gatling Stress Tool, ScalaTest, BDD, Git, 2-way SSL, JCE/JSSE, Tomcat 7, Jetty, Maven, WAS	
CLIENT BUSINESS	TSO	Apr 2013 – July 2013
	Working on the Gazettes project to unify the existing Government Gazettes websites into one cohesive whole. Working on the HTML5 UI in XSLT 2.0 .	

XSLT Transforms under **Marklogic**. Also wrote **XForms** engine. Lots of mentoring and assistance to **Java** team
<https://www.thegazette.co.uk/>

TECHNOLOGY **Java 7, Spring MVC, REST, XPath, Marklogic 6, XQuery 3.0, Saxon, XSLT, Tomcat 7, XForms, HTML 5, RDF/RDFa, SPARQL. SVN, Maven**

CLIENT BUSINESS **Standard Bank** **May 2011 – Sep 2012**
 Enterprise Messaging Migration tasks for the real-time **Trade Bus**. Changing the on the wire **FpML** format for 60+ instruments, without breaking downstream
 Translated existing **Python** codebase into Java, for a pure Java solution.

TECHNOLOGY **Java 7, XPath, Hudson/Jenkins CI, Marklogic 6, XQuery 3.0, Saxon, XSLT, Joda Time, Python, Apache Commons, JUnit, log4j, JMX, WebServices, C#, XSOM, XSD, Apache CXF, TestNG, SVN, Esper, Spring Integration, Camel, FpML 4.x**

CLIENT BUSINESS **HSBC Global banking and Markets** **Jun 2010 – Sep 2010**
 Migrating various manual/**Excel** based procedures into an **Ajax** web UI. Areas included were Readership, Entitlements, Authorisation, Analyst lookup, Broker Votes and Global Tiered Access.

TECHNOLOGY **Java, Tomcat, WebSphere, SQL Server, Transact-SQL, XSLT, Ajax/jQuery/jqGrid, JavaScript, HTML, Apache POI for reading XLS**

CLIENT BUSINESS **Unicredit Bank** **Mar 2010 – May 2010**
FX/FXO front office.

TECHNOLOGY **Java 1.5/1.6, Sybase, SQL Server, Saxon XQuery/XSLT, XSD, RET, Murex, Kondor+, IBM Websphere MQ, JNDI/LDAP**

CLIENT BUSINESS **JPMorgan Chase** **Aug 2009 – Mar 2010**
 Developing the complex **XQuery** transforms needed to map the existing derivative trade message formats to the new canonical message format. The Operational Data Store (**ODS**) is a facility to create, revise, access and manage shared business data in a secure, in a stable and consistent manner.

TECHNOLOGY **Java 1.6 and Saxon-EE XQuery/XSLT, XSD 1.0/1.1, Sybase 15 ASE, Marklogic 4.x, XCC, XSOM, Oracle 11g, eXist-DB 1.4, mockito, Scrum, Hudson CI, SVN, FpML**

CLIENT BUSINESS **Reuters/Thomson Reuters** **Jan 2008 – Nov 2008**
 I was responsible for importing **Thomson** feed data, before and after the merger.
 I imported Thomson **ILX, ECF, GEM/SDI, RCM** data from multi gigabyte **XML** files into **Oracle**, in order to be integrated with the **Reuters NDA**

TECHNOLOGY **Java 1.6 and JAXB 2.x, Spring, Hibernate, XSD, Oracle 10g, EasyMock, Apache Derby, Solaris, KSH, Perl, Python, ExtJS**

CLIENT BUSINESS **Fitch Ratings PLC / ValuSpread** **Oct 2006 – Nov 2007**
RAPCD: Risk Analytics Platform for **Credit Derivatives** for the **synthetic CDO** market.

TECHNOLOGY **Java 1.5 and XSLT 2.0 via Saxon8-sa, XML REST web services and web pages via Oracle XSQL, Oracle 10g, XSLT/XQuery Javascript, JSP, AJAX/Prototype/Scriptaculous, Spring-WS, Excel 2003 XML Maps, Excel VBA, XSD, SOAP, ActiveMQ, JMS, Saxon custom functions, Schematron, PL/SQL optimization, C**