Fabrice Matrat

42 Chemin des Bastides Villa 2 Domaine des Loubonnieres

06130 Grasse France

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Objectives

Web Enthusiast with more than fifteen years of experience looking for opportunities that leverage my expertise in research, architecture, development and design. Strong believer in open source and enterprise middleware, polyglot-ism, asynchronous application development, cross platform mobile, pragmatic and curious developer always looking for ways to boost productivity and efficiency.
http://fabricematrat.github.io

Open Source Projects & Conferences

NodeJS (Italie) Jan 2014 Speaker	World in conflict : My app is online
Mars JUG (France) Jan 2014 Speaker	Groovy vs Scala DSL
JSSophia (France) Dec 2013 Speaker	CujoJS: the architectural toolkit
JavaOne (San Francisco) Sept 2013 Speaker	Polyglot Alchemy: JSR223 in Action
GR8Conf (Minneapolis) July 2013 Speaker + Workshop	Groovy DSL for Kids Hybrid mobile app in minutes, not days
Web5 (Beziers) June 2013 Speaker	Hybrid mobile app in minutes, not days
ConFESS (Wien) Apr 2013 Workshop	Hybrid mobile app in minutes, not days
Riviera Gug (Nice) Feb 2013 Workshop	HTML5 Games Hands-on
Greach (Madrid) Jan 2013 Speaker	Hybrid mobile app in minutes, not days
Grails eXchange (London) December 2012 Speaker	Groovy as a weapon of mass PAASification User Interaction and Groovy DSL
JS.Everywhere (Paris) November 2012 Speaker	Hybrid mobile app in minutes, not days
RivieraGUG	CoFounder

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Professional History

3musket33rs **Mobile Open Source** **Hacker**	3musket33rs Grails Mobile plugins suite provides Mobile HTML5 scaffolding. In a minute, scaffold a skeleton for your mobile application that contains all you need for CRUD operations. Taking Grails MVC a step further remove classical GSP for MV* implementation client side with HTML5 and jQuery mobile or more (i.e. Angular UI). Using convention over configuration, scaffolding for offline and back online synchronization, map service for geo-location. Server side push notification using Atmosphere SSE implementation PhoneGap packaging for Hybrid App Cordova Plugin for SSE and WebSocket using Netty. Efficient Set Reconciliation implementation in JavaScript/Java Kissing Turtles, a game to teach computer programming and logic to kids in Groovy/Scala using CujoJS. Roadmap: Plug to any JS MV* framework (TodoMVC) especially Angular Make 3musket33rs suite REST implementation agnostic Package 3musket33rs suite into yeoman Support for Vert.x/Netty scaffolding, Polyglot support
CujoJS **Contributor**	Monadic Stuff for JavaScript
Topcoat **Contributor**	Button-list Component

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Amadeus

Architect

May 06 to present

Sophia Antipolis

(France)

Amadeus is the leading provider of IT solutions to the travel and tourism industry.

Architect for the e-commerce solution that powers 120 websites for air, hotel, car and rail serving 10 million users and Amadeus Selling platform the B2B platform for half million travel agents.

Defining the Cloud Infrastructure for our Data Center with 5000 physical machines using OpenStack/ CloudForms.

Making sure we can sustain our current traffic of 1 billion page view per month. Stress Test and performance monitoring.

Defining future framework like Application Portal for Professional to allow customization for 500000 customers.

Introducing framework Spring IoC in a 15 years old application, lean Framework using Spring MVC.

Aria Templates JavaScript (http://ariatemplates.com/)

Monitoring code quality for 10 million lines of code and providing trainings for 500 developers (JS + Java). Introducing TDD Methodology.

Building monitoring tool using AOP (ASM) of the current usage of our application.

Making Bridge between UI and Back-end Developers.

Ri3k Ltd.

Architect / Team Leader

July 05 to May 06

London

(UK)

Team Leader/Architect responsible for the architecture and development of an electronic trading service for the reinsurance industry starting from a data management center, contract management center to placement.

Reporting directly to the technical director and mentoring a team of 10 java/javascript developers.

JavaScript, Ajax, XSL, XWork/Webwork, Spring, Acegi, Hibernate, TDD, JUnit, JMock, CruiseControl.

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Choreology Ltd.

Software Engineer

Oct 01 to May 05

London

(UK)

Developed Business Transaction Management (BTM) software to enhance the management of business transactions that span and coordinate multiple applications.

Implemented the XML Web Services BTP and WS-AT/WS-BA specifications to achieve transparency of web services transaction protocol through the Cohesions API in Java.

Designed and developed the integration with leading Web Services toolkits (WebLogic, WebSphere, JBoss, CapeClear).

Designed the interface to allow transaction control and automated recovery of business state for BPEL/BPM vendors and developed prototype with WebLogic Integration.

Implemented the recovery/logging with multiple databases (Oracle, DB2, SQLServer) to perform automated completion of business transactions, even in the events of failures.

Designed and developed the communication layer of the Cohesions product with SOAP, JMS, RMI, CORBA.

Participation in Web Services standard work (OASIS, W3C, OMG) for WS-AT/WS-BA, WS BPEL and JSR 156 (Java Transactioning API JAXTX).

Manulife Financial

Solution Architect

Feb 01 to Sept 01

Toronto

(Canada)

Headed a team of 5 people for the development of a fully integrated on-line enrolment solution that will increase customer satisfaction through ease of use, improved perception of the 401k web experience.

Developed an MVC framework for the next generation of e-Commerce Manulife's Internet environment, which would be equivalent to Struts (JSP/Servlet/EJB).

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The Bulldog Group **(Now Documentum)** **Software Engineer** **Oct 99 to Feb 01** *Toronto (Canada)*	Led a team of 4 people for digital asset manipulation. Proposed a new architecture to enhance performance to a digital asset management system. Designed a framework for middleware independence between servlet and digital manipulation software/API in Java and C++.
Deutsche Bank **Senior Programmer Analyst** **Au 98 to Au 99** *London* **(UK)**	Implemented fast in-memory database with OTS and canonical secure format that allows the client to modify B2B transactions. Manufactured a generic framework for intercommunication between legacy systems using CORBA and C++. Implemented Trade Server that can download, update and create trades from heterogeneous client applications into different databases and legacy systems in C++.
Quaternove **Programmer Analyst** **Jul 97 – Jun 98** *Paris (France)*	Billing software of corporations for European leader hydro company with MQSeries/C++.

Education

1997-1996	Military service.
1993-1996	Certified engineer of Mechanic and Aeronautic sciences. ENSMA: Ecole Nationale Supérieure de Mécanique et d'Aérotechnique de Poitiers.
1990-1993	Pre-graduate of engineer. (Classes Préparatoires aux Grandes Ecoles.)
1990	Baccalauréat C (French scientific secondary school diploma).