

**Gilbert PERRIN**

Rue du Sablon 15  
1110 MORGES  
SUISSE  
37 years, married, one child.  
French Nationality

Suisse : Licence of establishment C  
Experience: 10 years (including 7 in data processing)

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## Architect - Developer JAVA Senior

### FIELDS OF COMPETENCES

#### Technical Expertise

**Platforms:** Windows, Mac, Unix

**Java:** J2SE, J2EE (EJB, JMS, JMX, JDBC, JAAS, JTA), Multithreading, JDO, JAXP, Swing, RMI, Spring, EJB3, JPA (with Oracle TopLink), WebServices, ...

**Web:** HTML, JSP, CSS, Cocoon, Javascript, Spring Web, Servlets

**Application Servers:** Weblogic, Websphere, Tomcat, Glassfish

**Data Bases:** Oracle, MySQL

**Méthodologies :** UML2, Design Patterns, Best Practices, ...

**Diverse:** Eclipse, XML Spy, Rational XDE, XSL, XSLT, XML, XSD, Castor, ANT, DOM, MAVEN, Enterprise Architect, PL/SQL, ...

#### Consulting

Technical and software architecture selection.  
Object Modelling.  
Development Environment.  
Project planning.

#### Communication

Functional Analysis and Technical Specifications.  
Diffusion of studies related to the technological activity of survey.  
Drafting of documentation produced.

#### Languages

French: mother tongue.  
English: written and reading excellent, spoken, very good.

### EDUCATION

2003

**Certification Programmer JAVA 1.2**

1998

**DESS - One-year post-graduate degree in Computer Science with honours**

DESS **IAO** - Data processing Applied to the Organizations Montpellier  
Algorithms, programming languages (Java, C++), database systems, operating systems, language processing, software engineering, multimedia, networks.

1993

**DEA - One-year degree required before doctoral studies with honours.**

**IUSTI** - University Institute of the Industrial Thermal Systems Marseille  
Energy Mechanics, instability, mediums granular, advanced materials, analyzes numerical...

1993

**Engineer - Three years engineering school.**

**IUSTI** - University Institute of the Industrial Thermal Systems Marseille  
Mechanics of the fluids, thermics, thermodynamics, numerical modelling, sciences for the engineer, physics of the transfers, energetic...

1990

**Maths SUP - SPE**

Higher and Special mathematics M.

Aix-en-Provence

1998

**Baccalaureat C**

Autun

## PROFESSIONAL EXPERIENCE

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2006

01/04/2006 -

**Freelance** - Nyon

<b>Title</b>	<b>Freelance Consultant JAVA</b> - <a href="#">Romande Energie</a>
<b>Project/Team</b>	Spontis (logistic multi partners)
<b>Description</b>	Analyze and development on Spontis, platform of logistics consolidated (standardization, stocks estimated, purchase grouped) between various partners (ERP) in the field of the electric distribution (low and Medium Average). Opening of the system to other fields (gas, media, etc.) and at external companies.
<b>Technologies</b>	<b>J2EE1.4 J2SE1.4</b> Weblogic8.2 <b>EJB2.1</b> (CMP Entity & Session Beans MDB) <b>JMS</b> <b>SPRING</b> JDBC Eclipse3.2 Enterprise Architect UML2 PL/SQL ERP(SAP)

2004 - 2005

15/09/2004 - 31/12/2005

**ALPECS** - Genève

<b>Title</b>	<b>Architect / Developer</b> - Banque <a href="#">Pictet &amp; Cie</a> (Private Banking)	1 year 3 months
<b>Project/Team</b>	Profolio (Portfolio Management System - PMS)	
<b>Description</b>	Business developments, such as Portfolio Consolidation. Re-factoring of components of the Profolio application. Analysis and installation of an infrastructure for changes notification inter applications (JMS/MQ-Series, XML). Specific implementation to empty the Profolio application caches (Tangosol) . Analysis and development of a batch server (framework and infrastructure), allowing the execution of tasks 'business' in mode "batch".	
<b>Technologies</b>	<b>J2EE J2SE1.4</b> Weblogic7 <b>EJB2.1</b> (CMP Entity & Session Beans MDB) <b>JMS JMX</b> MQ-Series Spring <b>JDBC</b> JAXB Eclipse3 XMLSpy <b>XML</b> Rational XDE <b>Swing</b>	

2004

01/02/2004 - 15/09/2004

**DALIN software SA** - Lausanne

<b>Titre</b>	<b>Head of Development</b>	6 months
<b>Projet</b>	<b>KART (Knowledge Analysis in Real Time)</b>	
<b>Description</b>	Contributed to the creation of the company. Installation of a development and integration environment (MAVEN). Developed a knowledge-based interface (API java 2d). Developed a prototype. Analysis of a natural language query system. Produced analysis and design specifications.	
<b>Technologies</b>	<b>J2EE J2SE1.4&amp;5</b> Tomcat5 <b>JDO</b> Eclipse3 XMLSpy <b>XML XSD</b> MAVEN <b>Java2D</b> <b>Swing</b>	

## PROFESSIONAL EXPERIENCE

cont'd

**2000 - 2004**

01/07/2000 - 31/01/2004

**Odyssey Asset Management System** - Lausanne

<b>Title</b>	<b>Architect - Developer JAVA</b>	4 years
<b>Projects</b>	@dvisor WUI TASC <b>Triple'A</b>	
<b>Description</b>	Analysis 'OO', specifications, design and architecture. Creation of a XML data exchange framework between components the @dvisor solution. Specific implementation for import/export of XML. Implementation of tools to assist integration and deployment. Design and implementation of a tag library to communicate with TASC (XML, XSL, XSLT, Java, XSP). Design of Web components. Technical person in charge of the EJB layer. Responsible for the programming, packaging and deployment environments. (TASC)	
<b>Technologies</b>	<b>J2EE J2SE1.4 EJB1.1</b> (CMP Entity & Session) <b>JMS</b> JDBC JTA <b>Cocoon CASTOR</b> XML/JDO JAAS JNDI ANT Websphere4&5 <b>XML XSD XSL</b> MQ-Series Eclipse3 WSAD5 XMLSpy5 <b>Java Multithreading</b> SAX DOM JAXP XSLT FOP	

**1998 - 2000**

01/07/1998 - 30/06/2000

**Bipe Sirius** - Montpellier

<b>Title</b>	<b>JAVA Developer</b>	2 years
<b>Description</b>	Sirius, subsidiary of the BIPE, company specialized in the analysis and the expertise in Telecoms. The principal activity was the migration and the development of an existing data warehouse under (4D) towards new technologies Java and Web within a team of 4 people. SQL and PL/SQL stored procedures. Development of client interfaces sin Java SWING 2.2 and applets. Middle tier development with RMI. Data modelling Indexing of actors of a trade field. Contribute to the analysis, constitution of request in the form of syntagms, dynamic generation of analysis documents.	
<b>Technologies</b>	<b>JDK1.2</b> Applet <b>Swing RMI JDBC</b> Oracle8i <b>PL/SQL</b> JDeveloper (JBuilder)	

**1995 - 1997**

01/12/1995 - 31/07/1997

**Spie Batignolles** - Paris

<b>Title</b>	<b>Ingénieur d'Etudes</b>	2 years
<b>Project</b>	Métro de Porto, Caire – Tunnel Oresund - ...	
<b>Description</b>	Analysis and calculations of the air-conditioning of an enclosure of storage of nuclear waste in Novossibirsk (Siberia). Design and dimensioning of the systems of smoke clearing of the subways and tunnels using software S.E.S (Subway Environmental Simulation). "Reverse engineering" of software S.E.S in order to analyze the physical model used (thermal, convection, radiation...) and to integrate new simulations. Analysis of basic air-conditioning data model for the assistance with project budgeting.	
<b>Language</b>	Fortran	

## PROFESSIONAL EXPERIENCE

cont'd

1995

01/05/1995 - 31/11/1995

**KJK** - Paris

<b>Title</b>	<b>Engineer Chargé d'affaires</b>	6 years
<b>Project</b>	Draft studies of air-conditioning.	
<b>Description</b>	Aeraulic, thermal, hydraulic Calculations. Chargé d' affaires (heating - air-conditioning) on the restoration of the embassy of France in Poland.	

## TRAINING COURSES

1998  
DESS IAO

Realization of CD ROM "Ballades in Languedoc-Roussillon" with Director 6.  
Development under Access of a soft ware "Dashboard" for a small company in Sète.  
Analysis using MERISE methodology of the process of manufacture of vitroplants at the Vitropics company, subsidiary of Cirad.

1992/1993  
IUSTI

**SNECMA** (Villaroche)- Development of a Fortran program in modelling a system of prediction of visibility of the smoke of a turbojet.  
**CEA - Cadarache** - Development of a program in PASCAL modelling the heat flow in an enclosure subjected to a Sodium fire.

## OTHER INTERESTS

**Music**  
**National Service**  
**Other**

Guitar and passion for the Blues  
Head of quarter to the scientific PC of the hydrographic building "Bordered It" (scientific of the quota).  
1 year of navigation (English Channel -- the Atlantic)  
Literature, **Badminton** (in club).