Gilles BESANÇON

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+44 7479 930982
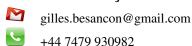
Senior Software Engineer
Architecture & Design
Java, Eclipse RCP, C, C++, C#

French: Native   English: Fluent   Spanish: Conversational

TECHNICAL SKILLS

Operating Systems	Windows, GNU/Linux, Mac OS X
Methodologies	UML, Agile, Kanban, CMMI
Java	Eclipse, OSGi, Eclipse RCP, IDL, JNI, JNA, JProfiler, JUnit, JAXB, Gradle, Maven, ANT
Java UI	AWT/Swing, SWT/JFace, JavaFX, Ilog JViews Chart
Java Modeling	EMF, EEF, EGF, Acceleo, ATL, XText
C/C++/C#	Microsoft Visual Studio, Cuda, NUnit, NCover
C/C++/C# UI	Ilog Views, OpenInventor, Qt, DirectX
Web	JavaScript, Polymer
Source Control Manager	Git, SVN, CVS, TFVC, OmniWorks
Tools	Jira, MantisBT, Hudson/Jenkins, TFS/VSTS, GitLab, Sonar, Google Cloud Platform

WORK EXPERIENCE

November 2013 to …   Senior Software Engineer   Schlumberger WesternGeco - Gatwick - U.K.

- *May 2016 to …   AI Planning*   *Schlumberger WesternGeco - Gatwick - U.K.*

Implementation in java of a state of the art AI planner for industrial applications.
Use of Visual Studio Team Services for Project Management, Build and Continuous deployment to Google Cloud Platform using Docker.
Environment: Windows, CentOS, VSTS, Git, Java, Gradle, SpringBoot, Polymer, Docker, Google Cloud Platform

- *January 2016 to April 2017   Omega Platform*   *Schlumberger WesternGeco - Gatwick - U.K.*

Team lead of 2 engineers to manage and maintain the build of the multi-platform Geophysical Data Processing Platform Omega.
Clean and organize the development infrastructure (Virtual Machine, Source Control Manager).
Analyze the development, test, deployment process and implement improvements.
Manage the build and packaging of the annual release of the Omega Platform and daily/weekly patches.
Environment: Windows, CentOS, TFS, Jenkins, GitLab, Gitolite, OmniWorks, Git, UML

April 2013 to September 2014   Software Engineer Trainee - Visa J-1   Schlumberger WesternGeco - Houston,TX - U.S.A.

In the context of a cultural exchange between France and the U.S.A., I joined an existing team developing a plugin for Petrel.
Specification, Design, Implementation & Recurent Demos to the users of new survey design and modeling features.
Enhance maintainability of code by doing strong refactoring (defining patterns, removing duplicate)
Environment: Windows, UML, Microsoft Visual Studio, TFS, C#, C++/CLI, C++, Ocean API, OpenInventor, NUnit, NCover, SCRUM

August 2006 to March 2013   Software Architecture & Design Engineer Consultant   Apside - Brest - France

- *October 2011 to March 2013   Electronic Warfare Tools*   *THALES Airborne Systems - Brest - France*

In the context of a collaborative research project including THALES and 2 Research Labs from Brest (ENSTA and Telecom Bretagne), whose goal is to generate drivers code from data and behaviour model of interfaces.
Architecture, Design & Implementation of a Modelling Tool based on Eclipse Modeling Framework to design data interfaces, generate Documentation, Ada - C - VHDL code and configuration file for data analysis tools (Network, VME Bus).
Environment: Windows, Red Hat, Ada, C, VHDL, HTML, Eclipse RCP, EMF, EEF, EGF, Acceleo, ATL, XText, Hudson

- *August 2008 to July 2011   Electronic Warfare Mission Debriefing Tool*   *THALES Airborne Systems - Brest - France*

In the context of a partnership between Apside and THALES, I was in charge for managing a team of 5 to 8 engineers.
Architecture, Design & Implementation of a new Mission Debriefing Tool Framework based on Eclipse RCP Framework to replace existing C++ Mission Debriefing Tool Framework.
Environment: Windows, Red Hat, UML, Eclipse RCP, Ilog JViews Chart, JProfiler, JNI, Ant, SVN, Mantis

- *January 2008 to August 2008   Satellite mission planning software*   *THALES Airborne Systems - Brest - France*

Architecture, Design & Implementation of an Eclipse RCP based application from an existing C application.
Environment: Windows, Red Hat, UML, Eclipse RCP, Java, JNI, C, CVS

- *August 2006 to August 2008   Electronic Warfare Mission Debriefing Tools*   *THALES Airborne Systems - Brest - France*

Design & Implementation of maintenance and major improvments for multiple electronic warfare mission debriefing tools based on a common framework.
Environment: Windows, Microsoft Visual Studio C++, C/C++, Ilog Views, JNI, CVS

EDUCATION

2006	Master of sciences of National Engineering School of Brest	ENIB - Brest - France
2006	Research Master of sciences, technologies, health (Major in computer science and telecommunications)	ENIB - Brest - France

References available on request