

Stéphane JORDI

Senior Software Engineer
System Engineer - IT Specialist



EDUCATION

1993

M.Sc. in Geophysics
University of Geneva, Switzerland

1992

B.Sc. in Geology
University of Geneva, Switzerland



CERTIFICATES

See detailed CV



LANGUAGES

French (Mother tongue)
English (Fully fluent)
German* (Standard usage)
Spanish (Standard usage)
Greek (currently learning)

*Ich habe Deutsch für 35 Jahren nicht mehr gesprochen, aber ich liebe diese Sprache und kann schnell "wiederlernen" wenn ich 3 Monaten habe. Ich sollte die technische Wörter lernen aber ich glaube dass es kein Problem sein wird ! (Das kommt nicht aus Google Translate)



EXPERIENCE

2008 - Present

Specialized System Engineer & DevOps
City of Geneva, Switzerland

1999 - 2008

Sr Software Developer & Architect
City of Geneva, Switzerland

1999 - Present

Owner - Sr Scientific Software
TiltSoft, Switzerland

1995 - 1999

Sr Software Developer & Architect
Kinematics Inc, Pasadena, USA
Préverenges, Switzerland

1980 - 1999

Many things IT-related.
See detailed CV.

CONTACT

steve@tiltsoft.com
Phone on demand

Stéphane JORDI

Ingénieur Software Senior
Ingénieur Système - Spécialiste IT



ÉDUCATION

1993

Master en Géophysique
Université de Genève, Suisse

1992

Bachelor en Géologie
Université de Genève, Suisse



CERTIFICAT

Se référer au CV



LANGUES

Français (langue maternelle)
Anglais (langue quotidienne)
Allemand* (de base)
Espagnol (de base)
Grec (en cours d'apprentissage)

*Ich habe Deutsch für 35 Jahren nicht mehr gesprochen, aber ich liebe diese Sprache und kann schnell "wiederlernen" wenn ich 3 Monaten habe. Ich sollte die technische Wörter lernen aber ich glaube dass es kein Problem sein wird ! (Das kommt nicht aus Google Translate)



EXPÉRIENCE

2008 - Présent

Ing. Système spécialisé & DevOps
Ville de Genève, Suisse

1999 - 2008

Développeur Senior & Architecte
Ville de Genève, Suisse

1999 - Present

Développeur Scientifique Senior
TiltSoft, Suisse

1995 - 1999

Développeur Senior & Architecte
Kinematics Inc, Pasadena, USA
Préverenges, Suisse

1980 - 1999

Activités liées à l'IT.
Se référer au CV.

CONTACT

steve@tiltsoft.com

Téléphone sur demande



PERSONAL INFO

Date of birth

Nov. 1st, 1964

Citizenship

Swiss

Marital Status

Maried. One daughter



PERSONAL ACTIVITIES, PASSIONS

Very passionate as a person, I like to share with others whether at work or in my personal life.

Geophysicist, software developer (using about 20 different programming languages since 1980), System Engineer, DevOps.

I love to be involved in requirements, design and development processes.

My initial specialization is "digital world" oriented, through data acquisition, analysis and representation. Involved in data processing since the 90s, I'm particularly fond on specifications, budget planning, design and project management, preferably following Lean / Agile concepts

My career brought me to work in several countries (USA, Guatemala, Nicaragua, Indonesia, Philippines, Japan, Europe) and in several industries, non-profit organizations, international partners, NGOs and governments. This conducted me to lead 20+ person teams from various horizons, cultures and social profiles.

That is the context feeding my interest to share those passions and achievements with public communities and my direct colleagues, no matter who they are.

GOALS



Work in a high tech, solutions-driven, challenging environment where competencies can be shared with individuals and positively impact their lives, the public community, such as data processing shaping medical decisions, saving lives by reducing risks, raising awareness and increase educational levels.

Leading a team and defining solutions roadmaps, promoting team members ideas. A team is the sum of all talents, all views and all skills.

IT ACTIVITIES



20 programming languages known

Desktop and mobile development

Web solutions

Hybrid-cloud solutions (PaaS)

Automatization (Ansible, Docker)

Document Dematerialization, Electronic Documents Management (Alfresco, Nextcloud, Lotus Notes).

Software / Web / Devices / Data security

IT Infrastructure security (auditing)

Currently starting being involved in Data Science, SmartCities, Business Intelligent (Dashboards) projects

PROJECT MANAGEMENT



As project manager of teams larger than 20 persons, I have been following several methodologies, such as:

- Traditional waterfall
- Hermès
- Agile inspired: Scrum, Kanban, Lean



INTERNATIONAL MANDATES

DDC - DFAE
 Japan Humanitarian Aid
 Philippines Humanitarian Aid
 Indonesia/France Humanitarian Aid
 US Humanitarian Aid
 Australia Humanitarian Aid
 US Dpt of Interior - USGS



WHAT I CAN OFFER

Accustomed to always evolving infrastructures and technology, I'm making sure that my teams stay up to date to coming changes and trends. I offer a DevOps vision as well as a developer one

I 'm used to work with divisions like:
 user's support
 infrastructure
 telecom
 development
 administration

This covers budgeting, studies, offers (tender process), online services, unified processes, evolution of infrastructures, training, day-to-day needs, licencing, maintenance...

INTERNATIONAL CULTURE



Born to a Greek mother and a Swiss father, I'm particularly paying attention to cultural, linguistic and social differences and always make sure that those are not restricted. I'm convinced that diversity is a plus and contributes to an efficient team

WHAT I CAN OFFER - SPECIFIC



I also emphasize on specific topics:

- Secured Communication Platform
- Secured Digitized Documents
- Managed Mobile Devices (MDM...)
- Data/Devices Encryption
- On-the-move Backups/Restore Policies
- Device Usage and Content
- Compliance With Foreign Laws...

Stéphane JORDI

Senior Software Engineer
System Engineer - IT Specialist

1999 - Present **CEO & FOUNDER**

Senior Software Architect for Data Analysis, Scientific Software

TiltSoft, Switzerland

Cross-platform native application development for Windows, Mac OS/X, iOS (iPhones/iPad) and Android in both C++ and Delphi (with 1 unique codebase to maintain).

Specialized in scientific data acquisition, processing, analysis and representation.

Creation of my own company, specialized in computerized scientific solutions, as well as geophysical and volcano monitoring techniques and answers.

The competence offered is broadly covering scientific requirements, budget estimations, compliant software solution developments, data acquisition, data processing, data analysis, data interpretation and data representation (graphically) as well as advising civil defense and civil protection in risk prone areas worldwide (mainly natural threats like eruptions and earthquakes).

Collaborates closely with:

- PHIVOLCS, Philippines
- US Geological Survey, USA
- Data Environment, France
- University of Grenoble, France
- Merapi Volcano Observatory, Indonesia
- Delairco Ltd., Australia
- Mitsubishi, Japan
- Japan Weather Association, Japan

See www.tiltsoft.com for more information.

Speaker, Senior I/T Specialist 2004

Dubai, United Arab Emirates

Representing the City of Geneva. Introduced "Geographical Information Systems as a Help to Manage a City Like Geneva" to the city of Dubai and invited sister cities attending the conference.

Senior Software Developer 1999

MMD, Lausanne, Switzerland

Software development engineer in the multimedia field and web information distribution.

Tools used were ColdFusion and ASP.

Senior Software Developer & Arch. 1998

Kinematics Inc, Pasadena, USA

Software development engineer in Nuclear Power Plant seismic monitoring. Development of a fully integrated surveillance and analysis system to trigger alarms in case of earthquakes. Also in charge of the Novell network administration.

Senior Software Developer & Architect 1994-97

Kinematics Inc, Switzerland

Software development engineer in Nuclear Power Plant seismic monitoring. trigger alarms in case of earthquakes.

Software Developer 1994-95

University of Geneva, Switzerland

Creation of an automatic data acquisition system at the Dpt of Physiology, on a Macintosh-based operated robot to prepare neuronal receptors for nicotinic reactions, injects drugs into them and then acquires physiological data. Built-in data graphical processing tool.

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1994

Invited Scientist

Cascades Volcano Observatory - USGS
Vancouver, WA, USA
Creation of an RSAM seismic data processing Windows application.
Participation in emergency volcanic disasters seismic equipment setup (for Rabaul volcano, Papua-New Guinea).

1980-94

Miscellaneous

Research Assistant to the University of Geneva (Geophysics).

Software Development for a database used by the European Society for Engineers.

Software Development for the Swiss Geophysical Commission. In charge of the computer center for the Press & Information services at the Swiss Federal Institute of Technology, in Lausanne (EPFL), Switzerland, 1987-1995.

Junior Developer for the main computer center at the Swiss Federal Institute of Technology, in Lausanne (EPFL), Switzerland, 1980-1984.

Platforms involved: Cyber, Eclipse, Norsk Data, VAX, Cray, PC (MS-DOC & Windows), NeXT and SUN workstations.

Affiliations

- a. Member of the Swiss Humanitarian Aid (DDC) since 1993 (DFAE Federal Department of Foreign Affairs). Natural Disasters Prevention Group. Specialized in seismic and volcanic risks, population preparedness, interface between local authorities, medias, and evacuation plans actors (civil defense, etc.)
- b. Member of the Volcanology Society, Geneva, Switzerland.
- c. Member of the American Geophysical Union since 1991.
- d. "Helicopter & Airplane Safety" certificate, USGS (Dpt of Interior, USA)
- e. Honorary member of the non-profit « Women Who Code » association, Portland, OR, USA. Promoting scientific and technical skills to women in order to increase their footprint and professional opportunities in those fields.

KNOWN PROGRAMMING & SCRIPTING LANGUAGES

PROGRAMMING

Assembler
Basic
C
C++
Clipper
Delphi

Forth
Fortran
Lisp
Object Pascal
Prolog
Swift

SCRIPTING

ColdFusion
Java
JavaScript
PHP
Perl
PostScript
Python