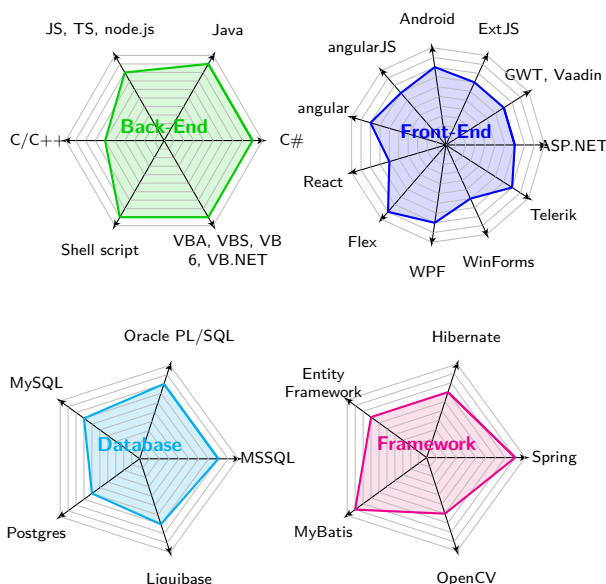# Carl Björk | Ing. Inf. Dipl. EPFL
Bilingual English-French

🌐 cv.carlbjork.ch   •   in carlbjork   •   Swiss

I am a true polyglot, English, French, Java, C#, ASP.NET, Flex, and PL/SQL are my main languages, but I also speak angularJS, angular, TypeScript, ExtJS, C/C++ and even a bit of Scala. I also have a very social character and I excel at gathering requirements, training & supporting end-users

Competencies

Main programming languages:

Tools:

Build & continuous integration

Maven	◉◉◉◉◉◉◉○○○	Ant	◉◉◉◉◉◉◉◉○○
Bamboo	◉◉◉◉◉◉◉○○○	Jenkins	◉◉◉◉◉◉◉◉○○
Sonar	◉◉◉◉◉◉◉○○○	Kintana	◉◉◉◉◉◉○○○○

Versionning

Git	◉◉◉◉◉◉◉◉◉○	SVN	◉◉◉◉◉◉◉◉○○
CVS	◉◉◉◉◉◉◉○○○	TFS	◉◉◉◉◉◉◉◉○○

Administration of

UNIX,Linux	◉◉◉◉◉◉◉○○○	Windows	◉◉◉◉◉◉◉◉○○
NAS	◉◉◉◉◉◉◉○○○	ESXi	◉◉◉◉◉◉○○○○
BitBucket	◉◉◉◉◉◉◉◉○○	JiRA	◉◉◉◉◉◉◉◉○○
Confluence	◉◉◉◉◉◉◉◉○○	Let'sEncrypt	◉◉◉◉◉◉◉○○○
Tomcat	◉◉◉◉◉◉◉○○○	IIS	◉◉◉◉◉◉◉○○○

Document generation & parsing

POI	◉◉◉◉◉◉◉◉○○	iText	◉◉◉◉◉◉◉◉○○
LaTeX	◉◉◉◉◉◉◉○○○	Jasper	◉◉◉◉◉◉◉◉○○
docx4j	◉◉◉◉◉◉◉○○○	ImageJ	◉◉◉◉◉◉○○○○

Other programming languages/frameworks:
Xamarin, HTML, CSS, JSON, XML, Vaadin Add-On, OpenGL, Oracle Forms, Reports, XML Publisher, OA Framework

Corporate applications programming:
Oracle E-Business Suite 11i (AP, AR, PO, OM, INV, SAV, HR modules). Confluence Plugin. Lotus Notes. SAP. Adobe AEM.

Programming skills:
- Client, server, web and mobile applications
- Document generation & parsing
- Web crawling & data acquisition
- Financial data modeling and calculations
- 3D modeling and rendering
- Vision based detection

Operating systems:
- Linux
- Windows
- IBM AIX
- Solaris
- Mac OS X

Experience

Elveteek Sàrl **Vevey, Lausanne**

Founder *Apr 2018–Current*

Application development, company and server infrastructure setup
- Automated astronomy pictures acquisition and preprocessing, setup custom astronmy solutions, designed astronomy accessories and devices
- Developed an Android application for mailroom automation
- Developed a web application using Java 8, spring, spring-boot, spring-security exposing a REST API for mailroom automation (using alfresco CMIS) with Apache Chemistry
- Developed plugins for Ephesoft document classification and mailroom automation
- Built several web applications using angularJS, angular, typescript and nodejs
- Created and managed a Ltd company in Switzerland (Elveteek Sàrl)
- Configured and purchased very high storage capacity servers
- Built a private Cloud, setup virtualized servers ecosystem (VMWare ESXi, Proxmox, ZFS)

Swisspay.ch SA **Lausanne**

Chief Technology Officer *Mar 2019–Oct 2019*

Smartwall solution maintenance, evolutions, and management of the AWS cloud infrastructure
- Bugfixes on the platform
- Technical support for clients custom implementations
- Management of AWS instances (ECS, EC2, S3)
- Management of druid.io big data indexer

Freelance **Paris, Lorient - France**

Senior Consultant *Mar 2017–Apr 2018*

ASCP plan hook for Oracle production scheduler development
- Developed a custom Java POJO application allowing enrichment of an Oracle e-Business Suite ASCP plan for Naval Group (defence industry, portage through Talan-Paris)
- Developed a custom Java POJO REST service invoker for Oracle e-Business Suite business events that is highly configurable (can query anything and do configurable database actions upon start or completion of request)

Trivadis AG **Lausanne**

Senior Consultant *Nov 2010–Apr 2017*

Developed custom applications. Mainely using Vaadin, Adobe Flex, Java, ASP.NET, WPF, angularJS and C#
- Very strong experience in web application development
- Built many applications from scratch using Java, Spring, C#, Javascript, Flex, GWT, Vaadin, WPF, ASP.NET, angularJS
- Built web applications, serving up to several thousands of clients simultaneously and securely

HB Information Systems Sàrl **Geneva**

Oracle Applications technical consultant *Oct 2007–Aug 2010*

Placed mainly at client MerckSerono in Geneva. Provided support to end users. Developed data interfaces
- Synchronization between Lotus Notes corporate employee database and Oracle HRMS
- Automated importation of scanned invoices into Oracle Applications purchasing module
- Synchronization of corporate data between SAP and Oracle HRMS
- Synchronization between Oracle HRMS and 3rd part systems (sickness leaves, time-sheets)

MBS Capital Advice SA   **Geneva**

Database programmer   *Jul 2004–Oct 2007*

Created financial series analysis software from scratch
- Created a database holding several thousands of financial series
- Created a Front-End for user friendly use
- Coded an acquisition software to feed database from online financial service
- Developed complex calculations and exportation to Microsoft Excel

World Meteorological Organization   **Geneva**

Programmer - Oracle e-Business Suite specialist   *Jan 2006–Dec 2006*

Participated in the definition of organization-wide rules and process for procurement. Prepared and conducted trainings
- Created a database to hold generic multilingual surveys from WMO member countries. Fully automated importation of word file surveys
- Created a database to hold contact information and WMO structures. Complex filtering engine for report generation and mail merge
- Created a LaTeX template for trainings and prepared training material for all procurement process. Template allowed to produce more than 300 pages in 3 days
- Conducted training sessions for Directors, Programme Managers and administrative support staff

Serono International SA   **Geneva**

Programmer - technical writer - office clerk   *Jul 2001–Dec 2005*

Created a database for corporate bonus plan. Wrote documents about SQL, EDMS, BI, ERP and CRM.
- Created a database for coporate bonus plan calculation
- Provided support for MerckSerono HR&CQA applications: Oracle HRMS and Self Service, SPARTA Trackwise (Corporate Quality Assurance), AIM PACe (Performance Appraisal Compensation)
- Functional manager for Oracle HRMS bonus and merit increase calculation as PACe replacement

Education

EPFL (Swiss Federal Institute of Technology)   **Lausanne, Switzerland**

Master in Science (MSc) - Computer Sciences   *2000–2006*

EPFL (Swiss Federal Institute of Technology)   **Lausanne, Switzerland**

CMS (Special Maths Course) diploma   *1999–2000*

Lycée Louis Lachenal   **Annecy, France**

Baccalauréat STI (Scientific option mechanics and electricity)   *1997–1999*