CV Marcel Egloff

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Language	German
Nationality	Swiss
Birthday	30. October 1963

Personal Interests

Work	I prefer working in a professional environment where I can participate in finding innovative and creative solutions using state of the art technologies.
Hobbies	Dancing, reading, meditation, dining, connecting with people.

Job Preferences

Work Location	max. 80km distance from Schaffhausen
Contract Duration	limited contract (3 - 12 months)
Contract Type	60% - 100%
Branch of Business	all
Fields of Occupation	1. Angular Software Development 2. Intranet Application Development 3. Web Development (PHP/MySQL/Angular/ExtJS) 4. iPhone/Macintosh Software Development 5. Database Programming (SQL and PL/SQL) 6. Database Design (Oracle/MySQL)
Size of Company	all
Occupation	Freelancer
Availability	any time after January 2023

Education and Trainings

Highest Degree	Ing. HTL (Winterthur, 1986)
Acquired Diploma	El. Ing. HTL specialized in IT
Additional Qualifications	• In-depth know how of various operating systems • 30+ years of experience with Apple computers • 25+ years of experience with Windows computers • 15+ years of experience with Unix computers • Several years experience as trainer (C/C++/SQL/Unix)
Special Qualities	• Highest software quality standards • Special flair for low level programming • Love to solve tricky problems • Good feeling for aesthetics (GUI and code) • Creative solutions for difficult problems

Languages

	speaking	writing	reading
German (native)	excellent	excellent	excellent
English	excellent	excellent	excellent
French	little	little	fair

Experience

Overall IT Experience	32 years
Project Management Experience	25 years

IT Skills

Management and Consulting	**Rating**
IT Project Management	○○○○○
IT Security	○○○○
Workflow Optimization	○○○○
Quality Assurance and Testing	○○○○○
Quality Management	○○○
Software Analysis and Installation	○○○○○
Software Development	○○○○○
Specific Skills	
Application Logic, Algorithms	○○○○○
Compiler Development	○○○○
Data Warehousing (OLAP, Data Mining)	○○○
Database Administration	○○○○
Database Development	○○○○○
Data Modelling / ERM	○○○○○
Document Management and Archiving	○○○
Information Systems	○○○○
Internet/Intranet Development	○○○○○
Multimedia Development	○○○
Network Management	○○○
O.O. Analysis and Design (UML/OML...)	○○○○○
O.O. Development	○○○○○
Technical Analysis	○○○○○
User Interface Design	○○○○○
Workflow Development	○○○○

Operating Systems

Plattforms and Systems	**Rating**
Linux Ubuntu	○○○○○
Linux Debian	○○○○○
Linux Redhat	○○○○
Linux SuSE	○○○○
Mac OSX	○○○○○
iOS	○○○○○
Windows Mobile	○○○
Android	○○○
MS-DOS	○○○○
Unix Darwin (OSX)	○○○○○
Windows	○○○○
Administration Tools	
Data Storage and Archiving	○○○○
Unix Shells (bash/ksh/csh/perl...)	○○○○○
Unix/Linux System Administration	○○○○○
OSX Administration	○○○○○
Virus Protection	○○○○

Software Development

Programming Languages	Rating
JavaScript / TypeScript / CoffeeScript	ooooo
PHP	ooooo
Java	oooo
C	ooooo
C++	ooooo
Objective C	ooooo
Swift	oooo
Assembler	oooo
Basic	oooo
C#	oooo
Lisp	ooo
Pascal	oooo
Perl	oooo
PL/SQL	ooooo
Python	oooo

Markup Languages	
CSS	ooooo
HTML	ooooo
SGML	oooo
XML	ooooo

Libraries and Frameworks	
Angular 2-10	ooooo
Angular 1	ooo
Java AWT	ooo
Java Swing	ooo
Java SWT	ooo
Bootstrap V2/V3	ooooo
jQuery	ooooo
Ext JS	ooooo
Zend Framework	oooo

Database Programming	
SQL	ooooo
JDBC	ooooo
ODBC	ooooo
Oracle PL/SQL	ooooo
Oracle Embedded SQL	ooooo

Database Systems	
Oracle	ooooo
MySQL	ooooo
sqlite3	ooooo

Software Development Tools and IDEs	
GIT	ooooo
SVN	ooooo
CVS	ooo
IntelliJ IDEA	ooooo
Eclipse	ooooo
Sublime Text	ooooo
Dreamweaver	ooooo
JBuilder	oooo
XCode	ooooo

Network

Client Server Communication	Rating
REST	○○○○○
SOAP	○○○○○
Websockets	○○○○○

Network architectures

Client Server Architectures	○○○○○
Firewalls	○○○○○
Network Proxy	○○○○
Virtual Private Networks (VPN)	○○○○

Network Server Applications

Apache2	○○○○○
nginx	○○○○
Network Backup Applications	○○○○
NFS	○○○○○
AFP	○○○○○
Samba	○○○○

Network Protocols

CGI	○○○○
FTP	○○○○○
IMAP	○○○○
LDAP	○○○
POP	○○○○
SMTP	○○○○
SNMP	○○○○
SSH	○○○
SSL	○○○
TCP/IP	○○○
Telnet	○○○○
Mail Server (sendmail/postfix)	○○○○

Dedicated Software

Office software and high-end tools	Rating
MS Excel	○○○○○
MS Outlook	○○○○○
MS Powerpoint	○○○○
MS Project	○○○
MS Visio	○○○
MS Word	○○○○○
Open Office Suite	○○○○

Graphical software

PhotoShop	○○○○
Pixelmator	○○○○
Sound Editing Tools (like Audacity)	○○○○

CMS / Web tools

Typo3	○○○○
Joomla	○○○
TikiWiki	○○○

General Skills

General	Rating
Working with Internet (with Chrome, Firefox, Safari, IE etc.)	○○○○○
Email Communication (with Outlook, Mail, Thunderbird, Eudora etc.)	○○○○○
Presentation Software (like MS Powerpoint, Keynote)	○○○○○
Spreadsheets (like MS Excel, Numbers)	○○○○○
Word Processing (like MS Word, Pages)	○○○○○

Projects

Project	**D2i**
Customer	**Alstom AG**
Time Period	**01.09.2012 - [ongoing]**
Position	Software Designer and Developer
Branch of Business	Industrial
Fields of Occupation	- Intranet Web Application - Data Visualisation - Database Design
Tools	- Ext JS / Zend Framework - HTML5 / PHP7 / Javascript - Oracle 11g - Eclipse / Coda / Sublime Text
Description	Designing and programming an intranet solution for configuring test campaigns for gas turbine prototypes. Displaying and visualizing the complex test results from the test campaigns in a browser application.

Project	**HC Termin**
Customer	**Swisscom Health AG**
Time Period	**01.02.2017 - 31.12.3017**
Position	Software Designer and Developer
Branch of Business	Health Sector
Fields of Occupation	- Application Design - Database Design - Software Development
Tools	- ESB - Java - MySQL - Angular 2 - Eclipse
Description	Writing the concept for an appointment broker system. Creating the software design for the system and take part in the implementation as Java programmer.

Project	**GSMN**
Customer	**Swisscom Health AG**
Time Period	**01.04.2016 - 31.07.3016**
Position	Software Designer and Developer
Branch of Business	Health Sector
Fields of Occupation	- Intranet Web Application - Database Design
Tools	- Phalcon - HTML5 / PHP5 / Javascript - MySQL - Eclipse
Description	Integration and completion of this project started by a developer who left the company. This application allows medical doctors to directly refer patients to hospitals.

Project	**tune your life**
Customer	**tune your life UG**
Time Period	**01.01.2012 - 31.05.2012**
Position	Project Manager, Designer and Developer
Branch of Business	Services
Fields of Occupation	- Project Management - Web design - Database Design
Tools	- jQuery - Coda / Dreamweaver - HTML5 / PHP5 / Javascript - MySQL
Description	Complete design and programming of the website including the management tools for users and webmasters.

Project	**On Cue Player**
Customer	**Pegasus Consulting GmbH**
Time Period	**01.01.2010 - 31.12.2011**
Position	Designer and Developer
Branch of Business	Mobile Apps
Fields of Occupation	- Mobile App Design - iPhone Programming (iOS) - Music Interface - Mac Programming (OSX)
Tools	- XCode - iOS Framework
Description	Complete design and development of the iPhone app up to the point of selling it through Apple's AppStore. The app is currently not developed any further, because my attention is needed in other projects.

Project	**PW Design**
Customer	**Pegasus Consulting GmbH**
Time Period	**01.09.2005 - 31.12.2009**
Position	Web Designer
Branch of Business	IT & Internet
Fields of Occupation	- Web Designer & Web Master - IT Consulting
Tools	- Dreamweaver - MySQL - Typo3 - jQuery - HTML4 / PHP5 / Javascript
Description	During four years Pegasus Consulting GmbH had offered website development under the name Pegasus Website Designs. Although the main focus was in using standard tools like Typo3 or TikiWiki, also individual solutions have been implemented using PHP, Ajax and other state of the art methods. This field has been given up in favor of the iPhone software development.

Project	**MLI**
Customer	**BIT (Bundesamt für Informatik u. Telekommunikation)**
Time Period	**01.11.2007 - 31.12.2008**
Position	Project Leader/Developer
Branch of Business	Government
Fields of Occupation	• Software and Application Development and Programming • Database Development • IT Consulting • Project Management
Tools	• Oracle • C / PL/SQL / Shell • Eclipse
Description	MLI (Multilayered Interface to SAP) is a dynamic interface between Oracle applications and other database systems. MLI was developed to connect three Oracle based applications to the simultaniously developed SAP system FIRE II.

Project	**TabakBier**
Customer	**BIT (Bundesamt für Informatik u. Telekommunikation)**
Time Period	**01.11.2006 - 31.03.2007**
Position	Programmer / DB Designer
Branch of Business	Government
Fields of Occupation	• Programming • Database Development
Tools	• Oracle • Oracle Designer • SQL / PL/SQL / Shell • Eclipse
Description	DB and software designer as a member of the BIT team for TabakBier, an application for the Federal Tax Department. Solving complex issues in PL/SQL moduls, changes of the DB design and conceptional work for interfacing with other systems.

Project	**VIPS / GREP**
Customer	**VBS (Eidg. Departement für Verteidigung, Bevölkerungsschutz und Sport)**
Time Period	**01.01.2002 - 31.12.2006**
Position	Project Manager and Software Developer
Branch of Business	Government
Fields of Occupation	• Software and Application Development and Programming • Database Development • Web Integration • IT Consulting • System Administration
Tools	• Oracle • JBuilder • SQL / PL/SQL / Shell • Crystal Reports • PeopleTools
Description	VIPS (Visual Integrity Test System) and GREP (Graphical Reporting) work together as a Java based (Java/AWT/JDBC) data collection and reporting tool (Crystal Reports) specialised in finding inconsistencies in a large data pool of poorly related data. Related to the Crystal Server there where also tasks involving BEA WebLogic, JSP and CSP (Crystal Server Pages).

Project	**FISAO**
Customer	**VBS (Eidg. Departement für Verteidigung, Bevölkerungsschutz und Sport)**
Time Period	**01.05.1996 - 31.12.2001**
Position	Project Manager and Software Developer
Branch of Business	Government

Fields of Occupation
- Software and Application Development and Programming
- Database Development
- IT Consulting
- System Administration

Tools
- Oracle
- Excel
- MS Access

Description

FISAO (Management and Information System) is a database and reporting tool that allows collecting data and exchanging it with the Mainframe database (ZDA1). While the main program control is written in PL/SQL, Oracle-Forms and shell scripts, printing the data is done using ODBC and Excel to create complex reports. Additionally, MS Access with ODBC is used for ad-hoc queries.

Project	**ADMIN**
Customer	**Pegasus Consulting GmbH**
Time Period	**01.01.1990 - [ongoing]**
Position	CEO
Branch of Business	Administration

Fields of Occupation
- Administration
- Accounting
- Acquisition
- Marketing

Tools
- MS Office
- Open Office
- PhotoShop

Description

As CEO of Pegasus Consulting GmbH responsible for all the necessary tasks of running a small company (est. 1990 as Egloff Informatik).