

IT-BERATUNG & SERVICE STEFAN GEHRMANN

English, French, German IT Consulting & Service Stefan Gehrmann

- * Requirement analysis
- * Network administration
- * object-oriented programming
- * Agile Software Development
- * Electronics developer

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places of action: Berlin / Brandenburg / Weltweit
IT experience since: 2000



Skills Experiences

- * Programming languages: Python, various PHP-Frameworks (Symfony, Kohana, 1&1 XP-Framework) and CMS (Drupal, Joomla, Typo3, Contao, Lepton-KIT2, vTiger CRM), Javascript (ExtJS, jQuery, NodeJS, AngularJS, Vue.js, ndJSON,,), IoT microcontroller Device development with Bluetooth, W-LAN or LoRaWAN In the field of education at schools VBA-Excel, Softwaretest, SQL, noSQL, XML, UML, C/C++, Java
- * Applications: Talend Open Studio ETL und data integration software, Eclipse, OXID eShop Community Edition, MS bzw. LibreOffice, Apache2, Oracle, MySQL, PostgreSQL, MongoDB, CouchDB, Docker, GIT, GIMP and others
- * Plattform: Linux, Windows, Android, Raspberry Pi, Arduino, ESP8266 / M5-Stack ESP32

Special interests

- * Use of open standard
- * working out concepts
- * Database administration and administration
- * Data analysis and evaluation
- * Facility Management
- * Automation of data processing
- * Application of bus systems in electrical installation
- * OpenSource development

Education and training

- * Dipl. Studies Applied Computer Science FM
- * electrician, Technical building equipment Management

knowledge of languages

- * German mother tongue
- * English communication, reading as well as writing
- * simple French communication

C U R R I C U L U M V I T A E & P R O J E C T S

student research sfn.Berlin

since June 2019

Temwork Forschen Teilen Vernetzen

Workshop mit Microcontrollern (z.B. ESP32) in einer Schule in Pankow
Basierend auf OpenSource Materialien zum M5-Stack, Internet of Things
und dem vom Physiklehrer bereitgestellten Elektronikkästen sowie
Räumlichkeiten, mit interessierten Kindern aus Berlin und Umland

Freifunk Administration

March.18 – March 2019

distributed network administration

in the context of free-radio projects and support tasks
Establishment of open W-LAN networks in dormitories for fugitives

Human Connection

since Nov.17

Social knowledge and action network

NodeJS with Vue.js for an Open-Source-based and ad-free application,
Test-driven development, Frameworks: nuxt and feathers.js
Docker for application deployment and scalability

Development and database support

March.15 – Dec. 16

Lufthansa Technik

Support of an old application with transfer of Excel tables used by
employees in automated logic with MS-SQL-Server.
Proposals for the development of a cross-platform client application with
Python, a Java client/server application with Talend Open Studio WB
Processing or NodeJS as a replacement for VBA and batch scripts.
Create reports from the database using standard SQL.
Code transfer in SVN Repository, code further development with GIT

Freelance work & own projects

since Jan. 14

VisProxy & commissioning of a service server

Draft for the development of own service lines and hosting in
cooperation with Yunicon (Hatchery Group) Open Source content
management system Contao, start new services for visproxy.com.
Determine future structure for extensions to replace the Excel web call
with own programming in the existing CMS

Assistance in the development of a Symfony2 project

Dec – Mar. 14

Sourcefabric

Open content management system development on GIT-Hub.
Software for the online journalism sector. Continuous further
development of the newly introduced plugin strategy, to divide the core
system developed in-house into a modular structure of different user
requirements in Symfony2 bundles.

Work on various projects

Jan. 2013 – Nov. 2013

Berlin Start Ups CMS / CRM - web applications

Application integration in existing CMS website (Contao, Drupal, Lepton)
from SVN repositories
Connection to document based database
(noSQL CouchDB or MongoDB) and also std. MySQL
Surveys zu BitCoins für deutsche-kompensation.de
<https://www.fairmondo.de> (Crowdfunding) Code management with GIT
Action for different Tech Teaching Groups
OTS Berlin, LinuxTag, #FreeCodeCamp hackidemia F-Droid
#afriamakers freedroidz

Extension of data request tables

Nov.12 – Mar.13

CoUp & VisProxy (phpManufaktur)

Excel programming in VBA and Java-Script
Extension of already existing data tables with connection to web space.
Observation of a community project as a smooth transition from old content management systems to more independence for the customer.
Framework based on Symfony2 (Silex) and MySQL developed with modules in PHP on GIT-Hub.

Freelance work in Drupal Projects

Aug.12 – Dec.12

b-connect Gesellschaft für multimediale Kommunikation mbH

Project management with Jira and Mantis(old system) Set-up of Git repository with internal GitLab. Mainly create new Drupal websites and maintain existing customer contracts update service.
Development of individual modules for Drupal. Old projects with SVN

project management consulting

Jan.12 – Mar.12

Klick-Tipp Limited (<https://www.klick-tipp.com>)

Project management with integrated bug tracking and git repository (unfuddle.com). Working with a CMS website (Drupal). Development of a module to create Facebook-Fanpages. Core product is the professional e-mail list building for automatic distribution.

Training for the use of a Open Source Software Solution

Dec.11

Talend Foundation Training Open Studio

Data Integration with Eclipse, several days workshop for integration software as JAVA based middleware solutions. It enables companies to get more out of their applications, systems and databases. Whether Excel, MySQL or a NoSQLDB, the integration platform can handle data integration, ETL, data quality, master data management and application integration projects.

developer in project work

May.11 – Sep.11

Imagine Easy Solutions, LLC NY

Software development with the Zend-Framework
PHP5/MySQL,LiebreOffice
Creating a data collector module (SiteScraper) for the web application www.easybib.com berlin Co-Up office.

IT consulting and administration

Okt.10 – Apr.11

VisProxy

Development of a time-controlled data retrieval with Excel, support for the construction of the website www.visproxy.com. Interface to the website for a CMS (Typo3) to display the hourly latest calculations.

Programmer in project work

May.10 – Dec.11

Subcontracting T-Systems on behalf of the Bundestag administration

Support in areas of user software development, PHP5, JS, AJAX.
Database supported web application in the Kohana framework and MySQL pn Windows. Central code repositories with SVN local with GIT

IT consulting and programming in various companies

Nov.09 – Feb.10

Thomson Reuters

Extension of a shift and duty schedule with interfaces for further processing accounting. Programming in VBA.

Unister GmbH

Conversion of a grown Excel solution into a database application for Unister clippings. Import error correction and connection to Libre / Open Office. Input masks as well as import and export dialogues for regular transfer of table data.

Uptown Verlag GmbH

Contribution of own ideas for application development with ExtJS

Work to promote innovation in a SME

Oct.08 – Oct. 09

ICS-Schneider Messtechnik GmbH

Consulting in the IT area, infrastructure for the further development of a website, Network administration. Configuration and commissioning of service programs: SVN, SSH, MySQL, Apache, VPN, Support of an installation Microsoftserver and other machines in the DMZ.

freelance project work

Jul.08 – Sep.08

1 und 1 Internet AG

External programmer for monitoring tool, evaluation of log files and saving in MySQL DB with PHP programming in the company's own framework, troubleshooting based on bug reports descriptions, refactoring of old projects

several small projects

Oct. 07 – Jun.08

Geotest GmbH

Contract for reading log files (data logger) for import into Office documents (Excel). Further development of automation and evaluation.

IKODA GmbH

Conception for automation and production optimization. Consulting for improvement of the IT infrastructure.

TYPO3Cluster

Programming with the Symfony framework for typo3cluster Ltd. & Co.

full time installation work

Feb.07 – Sep. 07

Employed by Apoforma GmbH

Pharmacy dispensers for drug storage

Commissioning of the control system and construction of the equipment

On-site service or remote maintenance

secondary employment

Dez.06 – Dez. 09

Telematic Solution International / HT-Instruments

Working as a sales manager, selling the products offered by the companies. In telephone or personal customer contact.

programming work

Sep.06 – Feb.07

Orders from Pointline GmbH

Programming of additional tools for Aperture

Dialog panel for surface management extended for more comfortable input to perform external calculations.

Independent working

since 01.Sep.06

IT-Beratung & Service start of the own entrepreneur as

freelance independent co-working employee for programming, office work as well as installation work and data backup.

further training

06.Apr.05–31.Aug.06

Pre-founding period and professional development with the help of Wirtschaftsförderungsgesellschaft Dahme-Spreewald mbH (WFG Wildau) in the Assessment Seminar 2006

Master

30.Sep.05–06.Apr.06

A semester in the Master's programme in Computer Science at the FH-Brandenburg available fields of study: "Intelligent Systems", "Digital Media" and "Network Computing" interrupted temporarily

Diplom graduation

26.Sep.05

Degree as **Diplom Informatiker** (FH) with 1.9 grade average and

GEFMA certificate as Diplom Facility Manager

Application development, technical building & process management

semesters abroad

Jan.04–Sep.04

Studied in France at the "Institut de Formation International Rouen".
Courses taken: French, "Risk Management" and "European Business Studies" in English, "Computer Science / Databases" and "Le droit français" in French

administrator

Okt.02–Feb.03

Stay abroad in Australia with works for the company "**Phil Travel Service PTY.LTD.**" In Sydney office activities and **web development, administration** for travel agencies

trainee

Apr.02–Aug.02

One semester as **junior developer** at the company POINT LINE FM Services GmbH in Bonn, Germany
In the field of programming with MS - Visual Studio

Werkstudent

03.Sep.01–30.Nov.01

Student trainee at Siemens Bereich "Networks Information and Communication Mobile."
Database administration and design of input masks, automation of exports to Office documents

Dipl. study

seit Apr.00

Diploma study at the FHTW-Berlin
Applied Computer Science with a focus on Facility management.

IT Continuing Education

15.Mar.99–10.Mar.00

As a **specialist for object-oriented programming** at the e-academy IT- und Multimedia-Trainings GmbH in Potsdam. Main focus: software development, website design, project management

Work & Education

26. Aug.91–12.Mar.99

Qualified Electrician at the company EAV GmbH in Großmachnow.
Activity : Construction and installation of computer-controlled equipment.
Apprenticeship at the company Ebert in Zernsdorf
Professional qualification: **Electrofitter**