

# Pavel Stěhule - Curriculum vitae

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## Personal data

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Date of birth:	15/7/1973, Benešov, ČR
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## Education

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1991-1996	Czech Technical University in Prague Faculty of Civil Engineering - System Engineering
1987-1991	Secondary School of Civil Engineering - Mělník

## Knowledge and skills

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Technology	active usage: SQL, PostgreSQL, PostgreSQL C. I am advanced user of Linux and MS Windows O.S. in the past: Visual Basic, VBA, Perl, Puppet, GIT, Vertica database, plunk, ...
Teaching	I worked as external teacher and instructor for CVUT, GOPAS, Internet Info. Currently, I am providing PostgreSQL courses (usage, internals, performance tuning, maintenance & monitoring, PL/pgSQL).
Language	English - technical level.
Driving license	B

## Work experience

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2006-	Self-employed consultant - PostgreSQL courses, PostgreSQL usage and help with PostgreSQL operation or performance issues. I worked for Fortuna, BCP, CS, TMobile, ...
2017	TOM - computer, s.r.o (Developer, Consultant) - migration large application (more 0.5M loc) from Oracle PL/SQL to PostgreSQL PL/pgSQL (with Ora2pg).
2011-2014	GoodData, s.r.o - DBA - porting to PG, operation & monitoring large set of PG servers, performance optimizations.

2009-2011	CZ.NIC, z.s.p.o - Database consultant - database optimizations, fixing performance.
2008-2009	LMC, s.r.o. - Database architect - database refactoring & cleaning
2007-2008	CVUT - Assistant - Department of Mapping and Cartography
2005-2006	Ilikethis! - Consultant - formal processes introduction, design new concept of DMS.
2003-2005	Inway, a.s. - Developer (Perl) - Telephone numbers portability system, data integration between internal systems.
2002-2003	Getronics s.r.o. - Developer (Visual Basic, VB.NET) - DMS, data integration and transformations.
2001-2002	BSP Group a.s. - Developer (Visual Basic, .NET) - preparing for migration from VB to .NET, code supervising.
2000	National services
1996-1999	AOPK ČR - Developer (part time, PHP, PLpgSQL) - digitization of one government agency.
1996-1999	Prague Czech Technical University Faculty of Civil Engineering - System Engineering, postgraduate study - unfinished.
1993-1995	CSProject, s.r.o. - Developer (part time, VBA, Excel) - work on tools for economics modeling (UNIDO).
1993	Logos, s.r.o - Developer (part time, C++, MS Access) - tools for economics modeling for KB, synchronization MS Access databases over SMTP protocol.

## Projects

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2002-	PostgreSQL - I cooperate on PostgreSQL project. I designed and implemented lot patches for this database: XMLTABLE, RETURN QUERY, format function, FOREACH IN ARRAY, support for variadic functions and named notation, ... I co-founder of pgsq.cz (web page for Czech users), postgresql-cz (google news), CSPUG (Czech and Slovak user group).
2018	ncurses-st-menu - library for easy creating menu for ncurses applications.
2017-	pspg - special Unix pager designed for tabular data.
2013-	plpgsql_check - PL/pgSQL check tool - check validity of references to SQL objects, unused variables, dead code, performance warnings, ...

2008-

Orafce - set of functions for PostgreSQL designed for reduce cost of porting applications from Oracle to PostgreSQL

## Presentation & Articles

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Every year from 2005 I did few presentation about PostgreSQL, PL/pgSQL or database theory (modern concepts - column databases, in memory databases). More than 30 presentations are available on internet.

I wrote lot of articles published on root.cz portal (more than 40). These articles are related to databases, database theory and database history.

## Hobby

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I like canoeing on Czech rivers, hiking on Slovak mounts, fantasy & scifi and historic fact literature and films.