

## PERSONAL INFORMATION

## Karel Hovorka



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## WORK EXPERIENCE

Dec 2015–Dec 2015

**Web Developer**

Gardenstatebrand.com, Bangkok (Thailand)

<http://gardenstatebrand.com/>

Developing brand presentation and simple e-shop for pet shampoo company in Bangkok, Thailand for 2 weeks.

Nov 2015–Dec 2015

**Developer**

FanChants.com Ltd, Phuket (Thailand)

<http://fanchants.com/>

Developing internal python scripts to help automate processes for 6 weeks.

Sep 2015–Sep 2015

**Web Developer**

Anchorage on Straddie, Point Lookout, Queensland (Australia)

<http://stradbrokeislands.com.au/>

Helping with website speed optimization and live webcam installation. 3 weeks altogether on North Stradbroke Island, Queensland, Australia.

8 Jun 2015–19 Jun 2015

**Web developer**

Vasilis Ambrosius, Athens (Greece)

10 days volunteering in Athens

- designing structure for website about Athens district Metaxourgeo and preparing ground for other world districts
- applying required appearance changes
- speed, ui, ux improvements
- documentation of whole project

1 Oct 2014–30 Apr 2015

**Java Developer**

Semantico Ltd., Brighton (United Kingdom)

- Java Web Application development in digital publishing area
- Heavy focus on xml, spring, tdd, bdd

1 Dec 2013–Present

**Android developer**

Self-employed

<https://play.google.com/store/apps/details?id=eu.karelhovorka.zpevnik>

I started developing Songbook application for Android that can search and display songs with chords. Application searches on various Czech and Slovak servers for songs. Application uses a lot of http communication, xml/regex parsing and sqlite relational database. Application is quite successful (see

ratings and comments), same goes for paid "+" version (released in middle of july).

- Aug 2012–Present **Programmer and IT support**  
Primahobby  
I am responsible for complete IS in wholesale company Primahobby including WMS, mobile devices (barcode scanners), eshop and computers in company.
- Sep 2013–May 2014 **Java EE & Web technologies lector**  
University of West Bohemia, Pilsen (Czech Republic)  
<http://www.zcu.cz/en>  
I was doing tutorials for students in subjects Internet Application Programming and Java Enterprise Technologies. Teaching 40 students for 3 hours/week.  
Classes were mostly about:  
  - HTML, CSS, JS basics
  - Servlet API, JSP
  - SQL basics, MVC Architecture
  - Spring DI, MVC, Webflow
  - Rest/SOAP development
- Oct 2012–Dec 2013 **Java Developer**  
Eurosoftware, Pilsen (Czech Republic)  
<http://www.eurosoftware.cz/en>  
I was working on internal tools that support production teams, mostly integration applications or utilities in Java SE/EE.
- 1 Sep 2010–30 Jun 2013 **Network Administrator**  
University of West Bohemia, Pilsen (Czech Republic)  
I was responsible for internet at student's dormitories, about 1600 computers, 5 buildings.
- 1 Oct 2007–31 Jul 2008 **Java EE developer, tester**  
Empire s.r.o., Prague (Czech Republic)  
<http://www.cz.cappgemini.com/>  
I was programming internal web applications for insurance companies. After 3 months in company I was chosen to redesign whole projects with 2 people in charge. Technologies: J2EE, Spring, Hibernate, GWT and many more
- 1 Oct 2011–31 Aug 2012 **Android developer**  
Swistar.cz, Prague (Czech Republic)  
<http://swistar.cz/en>  
I was designing application for Android platform tablets that allowed them to be rented in pubs and hotels.  
Core of application was in Java and required lot of networking and synchronization between devices. For that I implemented json-rpc protocol in Java and released it opensource.
- Apr 2012–Apr 2013 **HTML5, PHP developer**  
Adminit.cz, Pilsen (Czech Republic)  
<http://adminit.cz/>  
I was working mostly on websites that displayed various statistics for sport events like Olympics

games (London 2012), Football (European championship 2012) or Hockey (World championship 2012) and global football statistics. Those websites were used by big Czech news servers and were designed to hold critical usage at peaks (matches online).

1 Feb 2013–31 Mar 2013

### Web Designer

Pod 7 kilo, Prague (Czech Republic)

<http://shop.pod7kilo.cz/>

Appearance modifications for eshop using css only.

## EDUCATION AND TRAINING

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1 Sep 2013–30 Jul 2014

### Doctor of Philosophy (PhD), Computer Science

EQF level 8

University of West Bohemia

Univerzitní 8, 306 14 Pilsen (Czech Republic)

<http://www.zcu.cz/en>

General

- graph theories

Occupational

- distributed systems

I have finished 1 of 4 years

1 Sep 2010–30 Jun 2013

### Master's degree, Computer Software Engineering

EQF level 7

University of West Bohemia

General

- English language

Occupational

- advanced networking, distributed systems
- advanced programming techniques
- advanced software engineering
- system integration, enterprise information systems

Thesis about web client for distributed file system (HTML5, Java, C).

1 Sep 2005–30 Jun 2010

### Bachelor, Software Engineering

University of West Bohemia

General

- math, physics, cybernetics, mechanics
- basics of programming

Occupational

- Java, C, C++, .NET, assembler programming (strong focus on Java)
- web development
- software engineering
- basic networking
- basic databases

Thesis about web client for distributed file system (Java, Google Web Toolkit).

## PERSONAL SKILLS

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Mother tongue(s)

Czech

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A2	A2	A2	A2	B1
Spanish	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills** I have been working alone from home office, I have been working in teams in office and I have been in charge (max 8 people). I have experience with teaching (2 subjects at University of West Bohemia).

**Job-related skills** C++, Java, Eclipse, JavaScript, Java Enterprise Edition, Git, Subversion, PHP, MySQL, jQuery, CSS, Software Engineering, HTML, XML, Android, Programming, Linux, HTML 5, Bash, Web Development, SQL, Software Development, Apache, Web Applications, Electric Guitar, Spring, AJAX, Maven, JUnit

**Digital competence** I have been programming in several programming languages in commercial sphere as well as at school (not full list):

- Java SE/EE, Android
- HTML5, CSS3, Javascript
- ASP.NET, C#, C++, C, PHP
- MySQL, MS-SQL, Postgres, SQLite

I have been using technologies from around mentioned languages:

- Spring, Hibernate, Wicket, Google Web Toolkit, JUnit, Maven
- Coffeescript, jQuery, prototype, dust, qUnit, angular, Phonegap
- SASS, LESS
- other languages and technologies

I am used to work with Windows, Mac and Linux operating systems as I use them all regularly.

**Driving licence** B

**ADDITIONAL INFORMATION**

**References** **Tomáš Komenda** | COLLEAGUE (*empire.cz*)

Karel was good person to work with. He quickly caught up and understood big project, that we worked on together, and tried his best to improve it. In that he succeeded with his java programming and even inspired other colleagues in the team.

**Michal Petrovič** | COLLEAGUE (*University of West Bohemia*)

Karel's work was reliable and independent, which I especially appreciate, because he solved most of the problems on his own and very quickly. He escalated only problems that were over his competence.

**Petr Panos** | COLLEAGUE (*Eurosoftware.cz*)

Karel worked in Eurosoftware during his studies as Java developer. He pushed internal applications and tools to the next level with his knowledge and attitude to work. If you need to solve various difficult tasks on time, he is the man for this.

**Stepan Trojanek** (eshop.pod7kilo.cz)

Karel helped to fine-tune our e-store near and after launch. He showed strong webdesign knowledge and ability to work within systems already in place. He was able to find new solutions and creative workarounds. His approach was systematic and swift. We much appreciated he was always ready to help and also able to communicate well with non-experts on technical topics.

**Jan Řezníček** | COLLEAGUE (Eurosoftware.cz)

Karel has proven, that he is a very skillful Java developer. He has remarkable knowledge about modern IT technologies.

## Courses

**The development of native mobile applications for Android (Android SDK)****The development of native mobile applications for Apple iOs (Objective-C)****The development of mobile applications in PhoneGap - HTML5/CSS3**