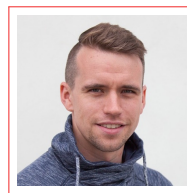# Ing. Michal Bryxí

Curriculum vitae

Těšínská 15
312 00 Plzeň
Czech Republic
✆ *+420 720 160 425*
✉ *michal.bryxi@gmail.com*
skype: michal.bryxi

Education

2005–2011 **Ing. (Engineer)**, *University of West Bohemia - Faculty of Applied Sciences*, Pilsen.

2001–2005 High industrial school Kutná Hora

Experience

Information Technology

2013–today **Front end developer**, *Puppet Labs*.
Development of ambitious Ember.js applications - Puppet Enterprise Console

2010–2013 **Configuration manager**, *IntraWorlds s.r.o.*
Linux infrastructure maintenance and growth. OS/application security and performance. Automation of daily developer tasks. Achieved goals:
- Product migration from ISO 8859-1 to UTF8
- Implementation of ISO 27001 - information security management system
- Production migration to Puppet - IT automation software
- Implementation of central logging tool - Logstash

2012 **Configuration manager**, *http://vsechnyzakazky.cz*.
Linux server administration - *puppet*; virtualization - *libvirt* and *KVM*; security

2008–2011 **Linux administrator**, *http://mujhost.net*.
Consultation for existing solutions and their improvement. Virtualization. Security.

2009 **IT consulting**, *http://aktivuj.cz*.
MySQL query optimization. Database and Apache tweaking. Application security and response times improvement.

2008–2011 **Webmaster, linux administrator**, *http://dione.zcu.cz*.
Implementation of e-zine based on Drupal CMS. Linux system administration.

2008 **Lector on network administrator course**, *Jan Ámos Komenský academy*.
Network administrator course for employment office.

Organizational

2009–2010 **Founder of** `http://tylidi.zcu.cz`, *University of West Bohemia*.
Seminar focused on attracting young women to IT.

2007–2008 **Lector on IT camp**, *Travel agency Sindibád*.
Camp oriented on acquiring basic knowledge of HTML, CSS, and good habits of using computers for children from 10 to 15 years.

2005–2009	**Promotional work**, *University of West Bohemia*.

- Assistance during *Faculty of Applied Sciences* Open days - Navigating visitors, handing out leaflets, discussing with prospective students.
- *University of West Bohemia* popularization on secondary schools. Lectures about college studies and about University of West Bohemia.
- Informal discussions - freshmen with older students.

Computer skills

Languages advanced	BASH, CSS, HTML, JavaScript, LATEX, MySQL, PHP, Ruby, SASS
Languages beginner	AWK, C, C++, Java, LESS, LISP, Matlab, Prolog, Python, SED
Sysadmin	Amazon EC2, Apache, Cacti, Elastic Search, iptables, linux (Gentoo, Debian, RHEL), Logstash, memcached, MySQL, Nagios, PostgreSQL, puppet, redis, shell scripts, TCP/IP
Other	Bootstrap, Capistrano, CakePHP, Drupal, Ember.JS, GIMP, Firebase, Liquid-fire, git (GitHub), Google app engine, Heroku, Inkscape, jQuery, Open Office, rake, redmine, Ruby on Rails, subversion, SuSy, trac, Zend framework
GitHub portfolio	`https://github.com/MichalBryxi`

- Apache "APR fork vulnerability" malware cleaner
- Recovery extractor for corrupted duplicity archives

Web projects

- Management system for hairdresser - project based on Ember.js + Rails (private)
- Cell phone invoice manager for O2 corporate customers (private)
- Simple presentation webpages:
  - `http://kulecnik-plzen.cz`
  - `http://dione.zcu.cz`
  - `http://os-smisek.cz`
  - `http://malajsie.pudr.com` - Ember.js + Firebase
  - `http://vr2015.pudr.com` - Ember.js + Firebase

Languages

English	**advanced**	*Advanced written and spoken communication.*
German	**beginner**	*Basic reading and speech understanding.*

Extra

- Driver's licence A (motorcycle) and B (car)

Interests

- good UX; puppet; Rails; Ember.js
- cycling; rock climbing; geocaching; social experiments