

Tobiáš Potoček

based in Prague, Czech Republic

Contact tobiaspotocek@gmail.com, +420 604 880 671
www.tobice.cz

Education

- 2013–2016 (expected) **Charles University in Prague**
Faculty of Mathematics and Physics
Master of Computer Science in Theoretical Informatics
- Autumn 2015 **University of New Orleans**
Department of Computer Science
- Autumn 2014 **University of Bergen**
Department of Informatics
- 2010–2013 **Charles University in Prague**
Faculty of Mathematics and Physics
Bachelor of Computer Science
Thesis: *Túúdl – cloud-based e-learning app for high schools*

Work Experience

- since 2013 **In-house PHP/Nette Application Developer**
Alltoys spol. s r. o.
As a member of an IT team, my job is to develop internal applications necessary for running of the company. This includes understanding the inner complex mechanisms and designing the best possible solutions for existing problems.
- 2007–2014 **Freelance senior web developer and web designer**
I have been developing small to medium websites for my clients, including initial analysis, sometimes graphic design, development and deployment of the site, basic SEO consulting and long term support.

Projects

- tjfs (late 2015) A high-availability distributed file system based on the original Google FS design, developed during my stay in New Orleans. (**Java**)
- Lumines (2015) JavaScript implementation of the legendary PSP game (**JavaScript, SVG, React.js, Flux, Immutable.js**)
- Factor (2014–2015) Huge B2B e-shop developed at Alltoys. Factor was refined and polished to perfection with the specific needs of the wholesale environment in mind. (**PHP, Nette, jQuery, Gearman**)
- Túúdl (2012–2013) Application for high school e-learning developed as my Bachelor's thesis (**Google App Engine, Java, Spring MVC, JavaScript**)
- Svoboda.info (2010–2014) Huge local news portal designed and coded from scratch. (**HTML, PHP, JavaScript, Modx Evolution**)

Skills

- Major relevant skills **Java** (Google App Engine, Spring MVC, maven), **PHP** (Nette, Gearman, composer), **MySQL, JavaScript** (jQuery, React, Flux, Redux), **Linux, Bash, Git**
- Experienced with **Android, C#, C++, Python, functional/logical languages** (Haskell, Prolog, Scala), **Oracle databases, Matlab, R, Gephi, Windows Server, Unity** etc.
- Educated in advanced computer science data structures and algorithms, classical **artificial intelligence, neural networks, data mining, machine learning**
- Languages **Czech** (native), **English** (C1, TOEFL 107/120), **German** (B1)