


PERSONAL INFORMATION

RNDr. David Běhal, PhD.

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 behal.david@gmail.com

 dejw.sk/eng, github.com/dejwCake

WORK EXPERIENCE

2019/11/01 – up to now

Senior Backend Developer

WebSupport s.r.o., Karadžičova 12, 821 08 Bratislava, Slovak Republic,
www.websupport.sk

- Developing Backend for Customer Facing Applications

2016/01/01 – 2019/10/31

Senior Software Engineer

Brackets by Triad s.r.o., Brigádnická 27, 841 10 Bratislava, Slovak Republic, www.brackets.sk

- Developing CMS Systems, Portals, E-shops (PHP, PostgreSQL, based on Laravel Framework) shop.warchal.com, www.postoi.sk, www.damepivo.sk, internal project management system, www.nutriklub.cz, Nutricia Data Warehouse, www.vitiport.com, Craftable (github.com/BRACKETS-by-TRIAD)

2015/08/01 – 2018/10/31

Full stack developer

- Wordpress/Woocommerce E-shop
 - www.moe.sk

2008/01/01 – 2017/05/31

Full stack developer

Allit, s.r.o., Nám. Sv. Františka 18B, 841 04 Bratislava, Slovak Republic, www.allit.sk

- Developing presentation web pages (HTML, CSS3, jQuery, Bootstrap, PHP, CakePHP)
 - www.gemologia.sk, www.embeco.sk
- Developing CRM Systems (based on vTiger CRM)
 - CRM for Allit, SolidCare
- Developing CMS Systems (PHP, MySQL, Custom CMS and CMS based on CakePHP framework)
 - www.briliant.sk, www.lackogroup.com, www.allit.sk
- Developing Custom E-shop Solution (PHP, MySQL, based on CakePHP framework)
 - www.likemybike.sk

2011/04/05 – 2015/10/31

Technical project manager, CEO

AvT projects, s.r.o., Matúšová 38, 811 04 Bratislava, Slovak Republic, www.avtprojects.sk

- Responsibility for the company operations
- Project www.hearpoint.sk
 - Responsibility of technical aspects of project
 - Developing Android / iOS (Objective C) applications
- Project www.kuptemi.sk
 - Responsibility of technical aspects of project
- Project www.project-aim.eu
 - Developing CMS solution for client (PHP, MySQL, CakePHP framework)

2012/09/17 – 2015/06/30

University teacher

Faculty of Management, Comenius University in Bratislava, Odbojárov 10, 820 05 Bratislava, Slovak Republic

- Teaching subject: Design and development of web sites

2012/09/03 – 2015/06/30 **Scientific supervisor, Researcher**

Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Mlynská dolina, 842 48 Bratislava, Slovak Republic

- Working on research project Comeniana - metódy a prostriedky digitalizácie a prezentácie 3D objektov kultúrneho dedičstva, Supervising project activities

EDUCATION AND TRAINING

2008/10/01 – 2013/09/30 **PhD. - University education III. degree - Level 8**

Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Slovak Republic

- Study program: Geometry and Topology
- Title of dissertation: Interactive Video for Virtual Environments

2012/03/28 **RNDr. - Doctor of Natural Sciences Rigorous degree - Level 7**

Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Slovak Republic

- Study program: Computer graphics and geometry
- Title of rigorous thesis: Interactive video and camera position for virtual environment

2003/09/01 – 2008/06/08 **Mgr. - University education II. Degree (Master) - Level 7**

Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Slovak Republic

- Study program: Computer graphics and geometry
- Title of diploma thesis: Streaming technology for virtual environment

PERSONAL SKILLS

Mother tongue(s) Slovak
Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	B2	C1	B2	B2
Czech	C1	C1	B1	B1	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organizational / managerial skills leadership - responsible for a team of 5 people on research project Comeniana
organizational - cooperation in the organization of conferences: SCCG and CESCg 2009 – 2014

Computer skills

- Laravel, Cakephp – advanced
- PHP, MySQL – advanced
- HTML, CSS, JavaScript, jQuery – advanced
- Typescript, Vue - intermediate
- Angular – beginner (Udemy course)
- Android/Java - intermediate (Udacity Nanodegree)
- Java, OpenGL, ObjectiveC for iOS – beginner
- Linux, Git, Docker, Redis, Elasticsearch, REST

Other skills ability to work in a multicultural team environment while staying Erasmus (2010 - 2011)
Work and Travel USA – Sales Clerk (2007/06/13 – 2007/09/12)

ADDITIONAL INFORMATION

Publications and Presentations

- Běhal, D. Interactive Video for Virtual Environments. Dissertation thesis. Bratislava: FMFI UK, 2013.
- Běhal, D., Dadová, J. Interactive video and camera position for virtual environment. Extended work, IADIS International Journal on Computer Science and Information Systems. - Vol. 7, No. 2 (2012), s. 167-177
- Běhal, D Interactive video for web-based museum presentation. ITS 2011: Internet Technologies & Society: IADIS International Conference, Shanghai, 8.-10.12.2011. CN, IADIS Press, Lisbon. 2011. ISBN 978-972-8939-55-7. - S. 189-196

Research projects

- Comeniana - metody a prostriedky digitalizácie a prezentácie 3D objektov kultúrneho dedičstva – researcher and supervisor
- Project MUVIS: Multidimensional Urban Visions - researcher