

# Marek Hlaváč

GAME, WEB, MOBILE DEVELOPER

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[LinkedIn](#) | [Github](#) | [Twitter](#)

## Mark Hlavac Remote

2014-2017

### Freelance Developer

Game, web and mobile development. Front-end and back-end technical solutions for clients according to their requirements.

UNITY3D, C#, VR, PHP, LARAVEL, WORDPRESS, MYSQL, AWS, JAVASCRIPT, VUE.JS, JQUERY, AJAX, BOOTSTRAP, CSS, HTML, ACTIONSCRIPT3, FLASH/AIR, GIT, VS CODE, VISUAL STUDIO

<HTTPS://MARKHLAVAC.COM/PORTFOLIO/>

2017

**IxWorx VR** - UNITY3D, C#, VR, VISUAL STUDIO, SVN

<HTTPS://IXWORX.COM/>

**TukTuk Rush** - UNITY3D, C#, LARAVEL, PHP, MYSQL, ANDROID, IOS, VISUAL STUDIO, VS CODE, SVN

<HTTP://GAWOONI.COMPANY/EN/SPIELE/TUK-TUK-RUSH/>

**ZarabajuciWeb.sk** - WORDPRESS, PHP, MYSQL, BOOTSTRAP

<HTTPS://ZARABAJUCIWEB.SK/>

2016

**Cardio Racer** - UNITY3D, C#, VR, VISUAL STUDIO, SVN

[HTTP://WWW.BLUEGOJI.COM/CARDIO\\_RACER](HTTP://WWW.BLUEGOJI.COM/CARDIO_RACER)

**Parkour Runner** - UNITY3D, C#, VR, VISUAL STUDIO, SVN

[HTTP://WWW.BLUEGOJI.COM/PARKOUR\\_RUNNER](HTTP://WWW.BLUEGOJI.COM/PARKOUR_RUNNER)

**Fitup.sk** - WORDPRESS, PHP, MYSQL, JS, JQUERY, CSS, HTML5, BOOTSTRAP, RESPONSIVE DESIGN

<HTTP://FITUP.SK/>

**Kozmix Games for Kids** - UNITY3D, C#, WebGL, ANDROID, IOS, VISUAL STUDIO, GIT

<HTTP://WEBGL.MARKHLAVAC.COM>

**Celebri.sk** - BOOTSTRAP, JAVASCRIPT, CSS, HTML5

<HTTP://CELEBRI.SK/>

**Penalta** - JS, IMPACT.JS, JQUERY, HTML5 CANVAS

<HTTPS://SPORT24.AKTUALNE.ATLAS.SK/HTML5GAMES/PENALTA/INDEX.HTML>

2014-2015

**dm Vianočná hra** - FLASH, AIR, AS3, PHP, MYSQL, FACEBOOK

<HTTPS://APPS.FACEBOOK.COM/DMVIANOCHNAHRA/>

**NAJ dm výrobok** - LARAVEL, PHP, MYSQL, JS, ANGULAR.JS, JQUERY, CSS, HTML5, FACEBOOK

**dm štvorlístok** - FLASH, AS3, PHP, MYSQL, FACEBOOK

**dm nákupná horúčka** - FLASH, AS3, PHP, MYSQL, FACEBOOK

## Pixel Federation Bratislava, Slovakia

2015-2016

### Lead C#/Unity Developer

Unity game development, C#/SQL backend development, network programming, gameplay programming, optimizations, architecture design, coaching, leading team of 4 programmers.

UNITY3D, C#, MYSQL, GIT, VISUAL STUDIO, SUBLIME TEXT EDITOR, SCRUM

[HTTPS://GALACTICJUNKLEAGUE.COM/](https://galacticjunkleague.com/)

2014-2015

### Flash/Mobile Developer

Web/Facebook/Android/iOS cross-platform development, Flash game development, gameplay programming, GUI integration, tooling, optimizations.

ACTIONSCRIPT3, FLASH/AIR, STARLING, PHP, LARAVEL, MYSQL, JAVASCRIPT, CSS, HTML, GIT, FDT, ADOBE FLASH, ADOBE SCOUT, PHPSTORM, SUBLIME TEXT EDITOR, REDMINE, SCRUM

[HTTPS://APPS.FACEBOOK.COM/EMPOREA\\_REALMS/](https://apps.facebook.com/emporea_realms/)

[HTTPS://PLAY.GOOGLE.COM/STORE/APPS/DETAILS?ID=AIR.COM.PIXELFEDERATION.EMPOREA&HL=EN](https://play.google.com/store/apps/details?id=air.com.pixel.federation.emporea&hl=en)

[HTTPS://ITUNES.APPLE.COM/SK/APP/EMPOREA-REALMS-OF-WAR-MAGIC/ID929052495?MT=8](https://itunes.apple.com/sk/app/emporea-realms-of-war-magic/id929052495?mt=8)

[HTTPS://HOF.EMPOREA.ORG/](https://hof.emporea.org/)

## Games Distillery Bratislava, Slovakia

2011-2014

### Flash Developer

Browser-based Flash game development, gameplay programming, low-level design, network programming, multimedia assets integration, GUI integration, optimizations.

ACTIONSCRIPT3, JAVASCRIPT, PYTHON, CSS, HTML, UML, SVN, FLASHDEVELOP, ADOBE FLASH, ADOBE PHOTOSHOP, ADOBE SCOUT, ENTERPRISE ARCHITECT, MANTIS

[HTTP://WWW.LULAONLINE.DE/](http://www.lulaonline.de/)

## STU, Faculty of Informatics and Information Technologies Bratislava, Slovakia

2011-2013

### Software Engineer (cum laude)

Master thesis: Application of grammatical swarm to evolve agent in the Robocode game (Evolutionary Algorithms)

ARTIFICIAL INTELLIGENCE, EFFECTIVE ALGORITHMS, SOFTWARE ARCHITECTURE, DESIGN PATTERNS, SOFTWARE MANAGEMENT AND PROCESSES, PYTHON

**2008-2011** Informatics

**Bachelor thesis: Trainer of Mental Abilities (Web and Game development)**

OBJECT-ORIENTED PROGRAMMING, INFORMATION SYSTEMS, ALGORITHMS AND DATA STRUCTURES, GAME DEVELOPMENT, LINUX

**Industrial Secondary School of Electronics** Piešťany, Slovakia

**2004-2008** Computer Systems

**Thesis: Content-Management System (Web Development)**

WEB DEVELOPMENT, PROGRAMMING, MATH

## Certificates and Awards

**Interactive Programming in Python** COURSERA

Statement of Accomplishment with Distinction

**Computing for Data Analysis** COURSERA

Statement of Accomplishment with Distinction

**ACM SPY 2013** ACM (ASSOCIATION FOR COMPUTING MACHINERY)

Gallery of best theses

**CEng Academic Accreditation** IET (INSTITUTION OF ENGINEERING AND TECHNOLOGY)

Chartered Engineer Accreditation

**Mensa IQ Test** MENSA SLOVENSKO

**European Computer Driving License** SLOVAK INFORMATION SOCIETY

European Driving License for Computers (Word, Excel)

**Secondary School Professional Activity** MINISTRY OF EDUCATION

2<sup>nd</sup> place in regional round and participation in national round

**Practical Math** MINISTRY OF EDUCATION

4<sup>th</sup> place in national round, 2<sup>nd</sup> place in regional round

**Zenit Programming** MINISTRY OF EDUCATION

3<sup>rd</sup> place in regional round

## Hobbies

Programming, Politics, Games, Hardcore Music, Hiking