

# Marek Hlaváč

FULL-STACK WEB AND GAME DEVELOPER

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## Freelance Developer - MarkHlavac (2016-)

- Developing projects of various sizes for many clients based on their requirements
- Full-stack web development in Laravel/Vue/SQL/Bootstrap
- Games and apps development in Unity3D/C#
- Responsibility for technical design and implementation
- Basic DevOps integration using Git/AWS/Unix

Web portals: **BetServis, Gawooni Games**

Mobile games: **TukTuk Rush, Pirates Bounty, Tatra Tower Dash, Super Panda Rush, Parkour Runner**

Web games: **K4Rally, Kozmix Games for Kids, Public Goods, Penalta**

VR/Desktop/Mobile apps: **Schlagmann, JLR, Circuit, Solid Studios, GA Drilling, Halle, IxWorx**

Web pages: **Fitup, BodyHacker, ZarabajuciWeb, Celebri, Meteocentrum, Sellpress**

Other: **Slovak Press Photo, dm online contests, OTC, Museum, Nivy, Wolfsschlucht, Mateland**

## Lead Unity Developer - Pixel Federation (2015-2016)

- Developing multiplayer space shooter game **Galactic Junk League** from start to alpha version
- Game development in Unity3D/C#
- Gameplay systems programming
- Backend development of master and game servers in C#/SQL
- Leading team of 4 programmers
- Mentoring junior members

## Game Developer - Pixel Federation (2014-2015)

- Developing 4th version of multiplayer web and mobile strategy game **Emporea**
- Flash/AIR game development for Web, Facebook, Android and iOS platforms
- Gameplay systems programming
- Tools programming in PHP/JavaScript

## Game Developer - Games Distillery (2011-2014)

- Developing web games **Lula Online** and **Coasterado** from start to maintenance
- Flash game development for Web and Facebook platforms
- Gameplay systems programming
- Assets integration and deployment management

## Software Engineering Student – FIIT STU (2008-2013)

- Master Thesis: **Application of grammatical swarm to evolve agent in the Robocode game** (cum laude)
- Bachelor thesis: **Trainer of Mental Abilities**

## Certificates and Achievements

- Certified Vue Developer (2022) VUE CERTIFICATION
- Codeforces Expert (2020) CODEFORCES
- Certified Laravel Developer (2019) LARAVEL CERTIFICATION PROGRAM
- Unity Certified Programmer (2018) UNITY TECHNOLOGIES
- ACM SPY: Gallery of best theses (2013) ACM (ASSOCIATION FOR COMPUTING MACHINERY)
- CEng Academic Accreditation: Chartered Engineer (2013) IET (INSTITUTION OF ENGINEERING AND TECHNOLOGY)
- Mensa IQ Test (2010) MENSA SLOVENSKO
- European Computer Driving License: Word, Excel (2008) SLOVAK INFORMATION SOCIETY
- Secondary School Professional Activity: participation in national round (2008) MINISTRY OF EDUCATION
- Practical Math: 4th place in national round, 2nd place in regional round (2007) MINISTRY OF EDUCATION
- Zenit Programming: 3rd place in regional round (2007) MINISTRY OF EDUCATION