

# Marko Gačanović

## Full Stack Developer

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### Work Experience

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#### Full Stack Developer – OTA Sync · (November 2022 – January 2024)

- Developed an **Online Travel Agency (OTA) sync platform** for hotel owners, featuring a **Property Management System (PMS)** with **reservation display**, **room management**, and **invoice generation**.
- Engineered **API integrations** and **PHP cURL/webhook connectors** for data exchange with external systems including **Open GDS**, **Minimax**, and **Price Labs**, automating **pricing**, **accounting**, and **reservation workflows**.
- Built **data-scraping processes** for importing hotel and room details directly from **Booking.com** and **Airbnb**, accelerating onboarding by **over 60%**.
- Built and optimized modules for **Expense Management**, **Reports**, and **Automated Emails** - enabling **recurring entries**, **scheduled report generation**, and **customizable email templates**.

#### JavaScript Game Developer – Frontmen Studio · (September 2021 – November 2022)

- Developed and maintained **slot games** such as *Dino Zone*, *Moonlight Wolves*, *Ali Baba*, *Super Stack Cat*, etc.
- Implemented and stabilized **core game features** (*re-spins*, *free spins*, *turbo modes*, *auto-play*, *bonus multipliers*) using **JavaScript (ES6+)**, **Pixi.js**, and **GSAP/TweenMax**.
- Worked on **animations** and **presentation layer** (*reels*, *symbols*, *winning animations*) using **Spine** and **GSAP**, and implemented complex features like **Switching Stacks** and **Sticky Wilds re-spins** to enhance **UX**.
- Integrated **server responses** into the frontend via a **custom communication service layer**, mapping **outcomes**, **bonuses**, and **win logic** to ensure **seamless game functionality**.

### Projects

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**Marko's Blog** ([portfolio-gacho/marko-blog](https://portfolio-gacho.com/marko-blog)) · [GitHub](#) · [Docs](#) · (ASP.NET Core, React, Redux, MSSQL, Tailwind CSS)  
• Full-stack blog platform with **authentication**, **roles**, posts, notifications, and user interactions.

**Gačanović Academy** ([portfolio-gacho/gacanovic-academy](https://portfolio-gacho.com/gacanovic-academy)) · [GitHub](#) · [Docs](#) · (Laravel, JavaScript, MySQL, AJAX, Stripe)  
• E-learning platform with **course management**, **payments**, and a complete admin system.

**Škoda Rental** ([portfolio-gacho/skoda-rental](https://portfolio-gacho.com/skoda-rental)) · [GitHub](#) · [Docs](#) · (PHP, JavaScript, MySQL, AJAX, MVC, OOP)  
• Car rental system featuring **real-time vehicle filtering**, reservations, and an admin dashboard.

**Gigatronic Shop** ([portfolio-gacho/gigatronic-shop](https://portfolio-gacho.com/gigatronic-shop)) · [GitHub](#) · [Docs](#) · (PHP, JavaScript, AJAX, MySQL)  
• E-commerce platform with **dynamic product filtering**, **shopping cart**, and integrated polls.

### Education

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**ICT College of Vocational Studies**, University of Belgrade · January 2023  
Study profile: Internet technologies; Module: Web programming;

### Skills

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**Languages and Tools:** HTML, CSS, JavaScript, PHP, C#, MySQL, MSSQL, SEO, Git, Postman, REST API  
**Frameworks and Libraries:** React, Laravel, ASP.NET Core, Tailwind CSS