

## IVAN MAKEVIC

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### EDUCATION AND CERTIFICATIONS/TRAININGS

#### **2022 – Final year | Computer Science**

Faculty of Computer Science and Engineering

Singidunum university, Belgrade

#### **Various webinars and tech conferences/meetups**

Regularly attend online sessions, help me to stay updated on industry trends and expand my technical knowledge.

### LANGUAGE SKILLS

**English:** Working knowledge (proficient in reading, writing, and communication)

### TECHNICAL SKILLS

I focus on practical AI engineering and ML deployment, with hands-on experience building and running real-world machine learning systems.

I developed and deployed an AI-powered audio processing platform available for live demo at <https://soundproof.ajvn.org/>. The project is built using **Python**, where I integrated locally downloaded models from **Hugging Face Transformers** using **PyTorch**. I worked on audio preprocessing, model inference, and system performance optimization.

Have experience building backend services and REST APIs using **FastAPI** and **Flask**, including designing endpoints for ML inference and other application services.

Have experience implementing authentication and authorization using **OAuth2** and **JWT (JSON Web Tokens)**, including token-based access control for APIs.

Experienced with containerization and deployment using **Docker** and **Docker Compose**, deploying applications to a Linux VPS environment, configuring **Nginx** as a reverse proxy, and setting up CI/CD pipelines with **GitHub Actions**.

Also participated in the **Yandex AI Hackathon** and **Reputeo AI Hackathon**, collaborating on AI-based solutions and rapid prototyping in a team environment.

### PROFESSIONAL EXPERIENCE

#### **Citrus Systems**

Dec 2023 – Jun 2024 | Junior Back-End Developer (Contract)

Developed and maintained a **casino games API** using **Clojure** and **MySQL**, handling real-time gaming data with focus on performance, reliability, and secure data processing. Contributed to backend logic, **database queries**, and **integration** with internal gaming systems, handled deployments and running applications on **AWS**.

Built a content management system with Java **Spring Boot**, **Vaadin**, and **MySQL**. Used **GitLab** for version control and team collaboration.

#### **Guild Technologies**

Jul – Oct 2022 | Junior Back-End Developer (Project)

Built secure and scalable APIs, implementing OAuth2 authentication and integrating third-party identity providers. Focused on API security, access control, and performance.

### **Gaming Village Metaverse**

May – Jul 2022 | Junior Full Stack Developer (Project)

Worked on full-stack development, designing **REST APIs** and implementing real-time features using **Socket.IO**. Contributed to database design and system integration.

INTERESTS \_\_\_\_\_

Passionate about backend development, AI systems, cybersecurity, and data privacy. I also enjoy working on small electronics projects in my free time.