

Jakub Oleszczuk

✉ jakuboleszczuk@protonmail.com — in jakub-oleszczuk — 🌐 scmisa

Software engineer with expertise in web development and machine learning. Combines technical skills with communication abilities gained through esports broadcasting. Passionate about creating innovative solutions and continuously expanding knowledge in emerging technologies.

🎓 EDUCATION

University of Radom

Bachelor of Engineering in Information Technology

Ongoing

Expected graduation: 2025

💼 EXPERIENCE

Freelance Software Engineer

2023 – Present

- Developing multiple projects, including a website for a League of Legends amateur league using **React**, **Next.js**, and **Tailwind CSS**.
- Implementing responsive designs and optimizing performance across multiple devices.
- Collaborating with clients to translate requirements into effective technical solutions.

Play-by-Play Commentator & Broadcast Producer

CSO Esports (Pty) Ltd

2023 – Present

Remote

- Provided live commentary for competitive League of Legends broadcasts, reaching audiences of 5,000+ viewers.
- Managed technical production including **OBS Studio** setup, scene management, and stream optimization.
- Combined communication and technical skills to ensure smooth broadcasts and support emerging esports talent.

</> PROJECTS

Real-Time Crypto Prediction Engine

ML and MLOps Stack

2023 – Present

GitHub Repository

- Designed and deployed a real-time cryptocurrency market prediction system using **PyTorch** LSTM models.
- Built containerized microservices with **Docker**, real-time data exchange with **Redis**, and monitoring using **Prometheus** and **Grafana**.
- Achieved 78% prediction accuracy on short-term price movements for major cryptocurrencies.

Personal Website/Portfolio

2023

- Created a personal portfolio site using **Next.js**, **React.js**, and **Node.js**.
- Implemented responsive design, dark/light mode toggle, and contact form with validation.
- Optimized for performance with 95+ Lighthouse scores.

Postural Assessment and Accelerometric Analysis

Sports Disciplines Research

2022

- Contributed to University Research Project no. 3 at Józef Piłsudski University of Physical Education in Warsaw.
- Developed data analysis software that processed accelerometer data to assess athlete posture and movement.
- Responsible for software development and operational support under the supervision of Andrzej Białycki.

TECHNICAL SKILLS

Programming: Python, JavaScript, TypeScript, HTML5, CSS, React, Next.js, Tailwind CSS
Tools: Docker, Git, Linux, OBS Studio, Redis, Prometheus, Grafana, Jest, CI/CD
Machine Learning: PyTorch, LSTM, Data Visualization, Pandas, NumPy, Scikit-learn
Soft Skills: Public Speaking, Project Management, Problem-Solving, Technical Communication

LANGUAGES

English: C1 (Advanced)
Polish: Native
Chinese: HSK 1 (Beginner)
Korean: Basic

CERTIFICATES

Chinese Language Course HSK 1 (2023)
React Developer Certification Front-End Developer Course (2019)