

# Dmytro Pyvovarov

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## SUMMARY

Experienced Full-Stack Developer with 5 years of expertise in **Vue.js**, **React.js**, **PHP**, **Lua**, and **Node.js**. Proven track record of developing **high-load web applications**, **in-game systems with Lua**, and **APIs**. Skilled in **database management** (MySQL, MariaDB), **performance optimization**, and **cloud technologies** (AWS, GitLab CI/CD). Achieved a **50% increase in system reliability** by engineering scalable backend solutions and optimizing app performance by migrating 100+ components to **Vite**. Strong background in **application security**, integrating **payment systems** and **authentication mechanisms**, and establishing efficient version control with **Gitflow**, enhancing team collaboration. Active in leadership roles, serving as **Chairman of the Basement Scientific Club** and **Head of the Computer Science Faculty** at **Jan Kochanowski University**. Adept at organizing and supporting events, including **ASECU YOUTH** and **EBIST 2024 Symposium**. Passionate about **AI** and **cloud computing**, with a deep interest in the theoretical and philosophical aspects of technology.

## EXPERIENCE

### FULLSTACK DEVELOPER

#### Skill Web Quality

May 2024 – Present

- Engineered scalable backend solutions using Node.js and Express, achieving a 50% increase in system reliability while supporting seamless integration with frontend technologies like Vue and React for high-performance web applications.
- Optimized application performance and migrated a project with 100+ large components from Webpack to Vite, transitioning from CommonJS (CJS) to ECMAScript Modules (ESM).
- Established and maintained a structured Gitflow workflow for efficient version control and collaboration.
- Managed and optimized relational databases, including MySQL and MariaDB, ensuring performance and data integrity.
- Proficient in Vue.js, React.js, and Express.js for full-stack development.
- Developed in-game systems and automation scripts using Lua.
- Designed and implemented server architecture and CI/CD pipelines using AWS and GitLab.
- Implemented vector mathematics for physics simulations in Lua.

### OWNER & FULL-STACK DEVELOPER

#### Mint Plantation & Robo-Hamster Inc.

February 2020 – October 2023

- Crafted a customizable software platform for a clientele base of 500–600 active users utilizing JavaScript, React.js, and Node.js for full-stack functionality.
- Designed and implemented scalable PHP-based messenger bots to facilitate seamless automated interactions with a 70% improvement in response efficiency.
- Designed, optimized, and maintained MySQL databases, ensuring data integrity, performance, and scalability for high-traffic applications.
- Developed and deployed an in-game administration application using Lua, streamlining game management and enhancing player experience.
- Designed and implemented APIs for real-time user statistics tracking and analytics, optimizing data insights and performance.
- Integrated secure payment systems, authentication mechanisms, and content management functionalities to enhance user experience and scalability.
- Implemented Cloudflare for DDoS protection, caching, and performance optimization, enhancing application security and load times.

## EDUCATION

### Bachelor of Computer Science

University of Jan Kochanowski in Kielce • Kielce • 2023

- Conference appreciation
- Assistant in organazing events
- International co-operation with students
- Head of CS faculty

## CERTIFICATIONS

### Engineer of XXI Century

University of Bielsko-Biala

- Delivered a presentation on the "Logic Blocks" project, demonstrating its innovative approach and impact in the field of engineering.

### International Symposium EBIST

University of Jan Kochanowski in Kielce • 2024

- Assisted in organizing the International Symposium EBIST, coordinating logistics and supporting event execution.

### ASECU YOUTH

Kielce • 2024

- Delivered a public presentation showcasing the development and impact of a personal IT project.

## SKILLS

Front End: HTML, CSS, SCSS, Vue.js, React.js

Back End: Node.js, Express, Sequelize, Nest.js, PHP, Symfony, Doctrine, MySQL, MariaDB

Dev Ops: Gitlab CI/CD, AWS, Linux, Docker, Apache, Nginx