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

International Symposium EBIST

University of Jan Kochanowski in Kielce · 2024
· Assisted in organizing the International Symposium EBIST, coordinating logistics and supporting event execution.

Engineer of XXI Century

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

ASECU YOUTH

Kielce · 2024
· Delivered a public presentation showcasing the development and impact of a personal IT project.

SKILLS

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

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

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

Languages
English: B2 | Ukrainian: C2
Russian: C2 | Polish: C1