

# Heorhii Huziuk

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## SKILLS

**Technical:** JavaScript, TypeScript, SQL, GraphQL, Node.js, Fastify, Express.js, Nest.js, PostgreSQL, MySQL, Cassandra, Redis, MongoDB, MinIO, Docker, Google Cloud Platform, DigitalOcean, Prometheus, Grafana, WebSockets, MQTT, SOAP, RPC, JWT, OAuth, Swagger, Jest, Mocha, Git, XML, JSON, SOLID, MVC, OOP, CI/CD, GoF, GRASP, DDD, Hexagonal, RxJS, ELK

**Languages:** English (B2), German (B2), Polish (C1), Ukrainian (Native), Russian (Native)

## WORK EXPERIENCE

### FarmFusion

Lutsk, Ukraine

*Backend Node.js Developer*

**(June 2023 - November 2024)**

- **Cross-Team Collaboration:** Facilitated seamless integration between frontend, backend, software and hardware teams.
- **Team Leadership:** Led a team of designers, frontend and backend developers, coordinating tasks and improving workflow efficiency.
- **Architecture Development:** Developed scalable and maintainable application architecture following DDD Architecture principles. Applied SOLID and GRASP design principles for maintainability.
- **Legacy Code Optimization:** Refactored and optimized legacy systems using architectural and programming patterns such as MVC, GoF, and custom abstractions, significantly improving performance and stability.
- **DevOps & Deployment:** Managed database configuration, automated deployments, containerized applications, and integrated CI/CD pipelines. Configured Prometheus and Grafana for observability, and ELK stack for centralized logging and monitoring. Maintained applications on Google Cloud Platform, DigitalOcean, and Hetzner.

*Software Node.js Engineer*

**(November 2024 - Now)**

- **Architecture Development:** Contributed to system architecture development, ensuring alignment with both software and hardware requirements. Maintained clean codebase and scalable architecture using domain-driven design.
- **Robotic Platforms Integration:** Designed and implemented real-time communication with robotic systems via MQTT and WebSockets, applying RxJS for reactive data flows. Developed custom RPC mechanisms for high-frequency control commands.
- **Code Reviews & Optimization:** Conducted thorough code reviews to ensure clarity, consistency, and alignment with architectural principles. Refactored legacy code, removed redundant logic, and improved overall maintainability and stability of the system. Promoted best practices and clean code standards within the team.

### Iram

Szczecin, Poland

*Backend Node.js Developer (Volunteer)*

**(November 2024 - March 2025)**

- **Domain & Database Architecture:** Structured domain logic and database design using PostgreSQL and MinIO for optimized data management.
- **Development Collaboration:** Partnered with frontend developers, QA engineers, and designers to ensure alignment between backend logic and UI/UX.
- **Frontend Domain Configuration:** Assisted the Angular team in establishing the domain layer to enhance system modularity.
- **Containerization & Monitoring:** Implemented Docker-based containerization and configured Grafana and Prometheus for monitoring and observability.
- **Code Quality & Best Practices:** Reviewed and improved code following industry standards, enhancing maintainability and performance.

## EDUCATION

West Pomeranian University of Technology: Information Systems Engineering  
Volyn Science Lyceum (Math profile)

**October 2022 - March 2026**  
**September 2018 - June 2022**