YOTS IVAN

ABOUT ME

Software engineer with hands-on experience in internal systems, service integrations, and automation. Focused on building reliable solutions and reducing operational overhead. In parallel, actively studying cybersecurity and incorporating security considerations into everyday engineering decisions. Motivated by complex technical and system-level challenges.

MY CONTACTS

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GitHub: second0ne
TryHackMe: second1

EXPERIENCE

SOFTWARE ENGINEER | VOLYN-ZERNO-PRODUKT | JULY 2023 - PRESENT

- Developing and maintaining integrations between internal systems and external services.
- Automating business processes to reduce manual work and operational overhead.
- Participating in the design and implementation of backend services and internal tools.
- Administering and maintaining databases.
- Contributing to side projects outside core business systems, such as a messaging platform and an automated vehicle weighing system.

SKILLS

Programming & Systems
- BAF (business application framework)
- Python – automation and scripting
- C / C++ – studying systems and low-level programming fundamentals
- Backend and internal systems development
- System integrations and API-based service communication
- Databases administration and data handling
- Bash scripting for operational and automation tasks
- Web servers configuration and maintenance (Nginx, Apache)
- Git and version control

Security (Applied & Learning)
- Understanding of common web vulnerabilities
- Linux system administration and security basics
- Log analysis and basic security monitoring
- Understanding of attack vectors and defensive mechanisms
- Networking fundamentals

EDUCATION

LUTSK NATIONAL TECHNICAL UNIVERSITY

BACHELOR (2021-2025)
SOFTWARE ENGINEERING

MASTER (2025-2027)
SOFTWARE ENGINEERING

LEARNING & PROFESSIONAL DEVELOPMENT

- Penetration Testing Course – robot_dreams
- Top 1% TryHackMe.
- Application and infrastructure security fundamentals (ongoing).
- Secure software design and threat-aware engineering.
- Linux internals, system behavior, and operational reliability.
- Hands-on practice with security tools and controlled lab environments.
- Interested in low-level and systems programming.