

Oleksandr Sobol

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Experience

Abstract Software LLC - Full Stack Developer (Yakima, WA)

Dec 2025 - Present

- Develop end-to-end features using PHP, JavaScript, AJAX, and MySQL to streamline agricultural logistics and international supply chain management.
- Engineer server-side validation and security-filtered database queries to ensure accuracy and compliance in multi-tenant environments.

GlobalNet Inc., Belgrade, MT - Various Roles

Nov 2019 – Dec, 2025

Backend Developer (Remote, Part-Time)

June 2025 - Present

- Built the Utopia API Handler integrating Utopia webhook events with PowerCode, reducing manual workload by **99% for 4000+ clients**.
- Developed automation tools for equipment management with Mikrotik and PowerCode APIs.

Tower Lead / Network Engineer

Jan 2022 – May 2025

- Managed backhaul capacity planning and enterprise wireless infrastructure supporting **4,000+ customers**, ensuring high availability and license compliance.
- Designed and implemented automated firmware deployment pipelines, standardizing configuration management across distributed network hardware.
- Directed complex infrastructure deployment projects, overseeing end-to-end equipment procurement and cross-team coordination.

Network Operations Technician

Nov 2019 – Jan 2022

- Led network performance analysis and capacity planning initiatives using advanced monitoring tools to optimize infrastructure throughput.
- Served as the primary technical lead for troubleshooting complex system integration issues and mentoring junior team members.

Vinnytsia Road Management, Vinnytsia, Ukraine - System Administrator Intern

June 2012 – May 2015

- Administered local network infrastructure, implemented security protocols, and resolved system-level reliability issues.

Skills

Languages & Frameworks: Python (Flask, FastAPI, pandas, numpy), PHP, Go, JavaScript, C/C++, Dart (Flutter)

APIs & Protocols: REST, JSON, OAuth2, JWT, Mikrotik API

Databases: SQLite, MySQL

DevOps & Infrastructure: Docker, Docker Compose, Nginx, CI/CD (GitHub Actions, Jenkins), AWS (EC2, S3)

Tools & Platforms: Linux, Git, GitHub, Postman, curl

Engineering Capabilities

Backend Architecture | API Development | CI/CD Automation | Containerized Services | Data Processing | Security & Auth | Unit & Integration Testing

Education

Vinnytsia National Technical University

B.S. Cybersecurity - 2016

Certifications:

MTCNA (#2403NA2018),
MTCRE (#2403RE2623)

Projects

[Utopia Account Creation](#)
[DHCP Lease Runner](#)

Languages

Ukrainian: Native
English: Fluent