Oleksandr Sobol

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Experience

Kalmus Labs - Backend Developer (Remote, Part-Time)
Nov 2025 - Present
- Designing event-driven architecture using FastAPI and Python.
- Implement scalable backend solutions for workflow automation.

GlobalNet Inc., Belgrade, MT - Various Roles
Nov 2019 – Present

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.

Best Western by Mammoth Hot Springs, Gardiner, MT - IT Support
May 2015 – March 2018
- Maintained operational network stability and provided full-stack hardware/software troubleshooting

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), 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