Oleksandr Sobol

Junior Backend Software Engineer

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GitHub: https://github.com/olekssobol | **LinkedIn**: https://www.linkedin.com/in/olekssobol

Backend Software Developer with 4+ years of experience building automation pipelines and scalable systems. Transitioned from network engineering to software development, bringing unique expertise in infrastructure optimization and system reliability. Proven track record of developing backend solutions that reduce manual processes by 90% and serve 4000+ clients. Specializes in Python APIs, database design, and cloud deployment with a focus on performance and scalability.

SKILLS

Languages: Python, Go, Bash, JavaScript, C

Frameworks: Flask, FastAPI, Flutter

Databases: SQLite, MySQL, MongoDB

Tools & Platforms: Git, Docker, Docker Compose, Postman, Apache, Nginx, GitHub Actions, Jenkins, Cron

Cloud & Infrastructure: AWS (EC2, S3, RDS), Linux Administration

APIs & Protocols: REST, JSON, OAuth2

EXPERIENCE

GlobalNet Inc., Belgrade, MT

Tower Lead / Network Engineer *Jan 2022 – Jun 2025*

- Designed and deployed scalable backend automation pipelines that cut customer onboarding from 20 minutes to under 1 minute and decreased manual errors by 90%.
  Project: https://github.com/OleksSobol/Utopia-Account-Creation---UAC
- Developed automation tools for equipment management with Mikrotik and Powercode API.
  Project: https://github.com/OleksSobol/DHCP-LEASE-RUNNER---DLR
- Led project coordination for network infrastructure deployments - managed equipment procurement, licensing workflows, and cross-team scheduling for tower installations
- Automated firmware deployment and configuration management for hundreds of network devices), eliminating manual update errors and reducing deployment time by 80%
- Managed backhaul capacity planning and license compliance monitoring for enterprise-grade wireless infrastructure supporting 4000+ customers
- Served as technical lead and go-to problem solver, mentoring team members and troubleshooting complex system integration issues

Network Operations Technician *Oct 2020 – Jan 2022*

- Maintained and optimized wireless infrastructure (Ubiquiti, Cambium, Aviat, SAF) supporting growing customer base
- Performed network performance analysis and capacity planning using monitoring tools
- Coordinated tower maintenance schedules and conducted equipment inspections

Service Technician *2019 – Oct 2020*

- Provided field technical support and equipment installation for wireless network infrastructure
- Gained hands-on experience with network hardware and customer-facing technical troubleshooting

Best Western by Mammoth Hot Springs, Gardiner, MT

IT Support / Front Desk Clerk *May 2015 – March 2018*

- Provided IT support, troubleshooting hardware and software issues.
- Configured and maintained stable computer networks.
- Managed guest services, ensuring operational efficiency.

Vinnytsia Road Management, Vinnytsia, Ukraine

System Administrator *June 2012 – May 2015*

- Maintained computer networks, diagnosing and resolving technical issues.
- Implemented security measures, including antivirus solutions.

EDUCATION

Vinnytsia National Technical University *B.S. Cybersecurity*

August 2012 - May 2016

Certifications: *Mikrotik* MTCNA (#2403NA2018)*, Mikrotik* MTCRE (#2403RE2623)

Additional Learning: *Boot.dev:* https://www.boot.dev/u/skelo*, self-directed projects*

LANGUAGES

Ukrainian: Native
English: Fluent