Vladyslav Samoilenko

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SUMMARY

I'm a telecom student with a passion for tech and software. I want to work in DevOps and have experience in networking, programming, and system administration. I've worked on a project to bring up a private 5G mobile network where I gained skills in troubleshooting, network config, teamwork, and adapting to new tech. I'm a strong communicator, pay attention to detail, and eager to learn.

TECHNICAL SKILLS

- Unix-like OS: Ubuntu, Debian
- Container-orchestration: Kubernetes (managed and local)
- Cloud: GCP, AWS (basic)
- CI/CD tools: Jenkins
- Virtualization: VirtualBox

- OS-level virtualization: Docker
- Control Systems: Git, GitHub, GitLab
- Programming languages: Bash, Python
- Networking Fundamentals: OSI model, TCP/IP, DNS, DHCP, Wireshark
- IaaC: Terraform

EXPERIENCE

Student project:

- Private 5G Mobile Network   *05 2022 – Present*
  Student project to bring up a private 5G mobile network. Installed, maintained, troubleshooted, tested, and monitored 5G cores from multiple open-source projects (SD-CORE, Aether, GNBSIM, UERANSIM, Open5GS, and Free5GC).

Pet projects:

- Flask Blog
  This blog was built with Python using Flask. Complete with authentication, password hashing, a PostgreSQL database, forms, comments, admin privileges for the first user, and error-handling. You can either deploy it with the help of the docker-compose file or deploy it to the Kubernetes cluster with the help of the custom Helm chart. Has a CI/CD pipeline

- Movie List App
  Simple movie app list application with edit, add, and delete functions. Built with Python using Flask, WTF-forms, and SQLAlchemy. uses a SQLite database to store all the added movies. The list will automatically sort all the movies based on the rating you gave them, from lowest to highest.

EDUCATION

National Aviation University | Kyiv   *09 2021 – Present*
Bachelor's degree | Computer-integrated radio information systems and technologies 172
Predicted Grade: 91-99
Key Modules: Information theory, Microprocessor devices, Object-oriented programming

LANGUAGES

English: Upper-Intermediate
Ukrainian: Native

CERTIFICATIONS

- [Google Cloud – Associate Cloud Engineer](#)
- [Google Cloud Skill Boost](#)
- Huawei – [HCIA 5G Course 2022](#)
- Huawei – HCIA Datacom Course 2022

THINGS TO HIGHLIGHT

- Position of Responsibility at National Aviation University. Deputy Head of a Scientific Community "[Wisetel](#)" (*2022-present).*
- Participation in scientific events (Poltava, Kyiv, Kremenchuk, Lviv) and presentations of various topics, "The influence of a foreign language on professional growth", "The use of Open Source Software ", "Russian-Ukrainian cyber war: study of the effectiveness of fighting disinformation and propaganda".