

KARINA SHALA

NETWORK ENGINEERING / AI & MACHINE LEARNING / STARTUP LEADERSHIP

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SUMMARY

AI and Machine Learning undergraduate with hands-on experience in network infrastructure, Linux administration and Python automation. Founder and team lead of Pillster, with experience collaborating across international product and engineering teams. Combines an infrastructure engineering foundation with English-medium AI/ML studies and entrepreneurship training in China.

EDUCATION

Qazaq Ai Research University	Current
Bachelor's program in AI and Machine Learning Taught entirely in English	
Xi'an Jiaotong-Liverpool University (XJTLU), China	2025
Immersive Technopreneurship Summer School Intensive entrepreneurship program	
Sirius University of Science and Technology, Russia	2026
Vocational education in Computer Systems and Complexes Network engineering foundation	

EXPERIENCE (INTERNSHIPS)

RED SOFT Analyst Intern	Dec 2025
• Reduced document preparation time by 30% by automating document workflows with LibreOffice macros.	
Paygine Network Engineering Intern	
• Configured secure IPsec VPN connections, routing with pfSense and infrastructure monitoring with Grafana.	
Gazprom Neft Intern	
• Developed Python scripts to automate reporting and document workflows in industrial systems.	
Astra Group Project Participant	
• Contributed to Ceph and SAN/NAS storage implementation for the Brest virtualization platform and configured network security.	

PROJECTS & LEADERSHIP

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TECHNICAL SKILLS & LANGUAGES

Programming & Data: Python, Bash, SQL, PostgreSQL; API integration and automation.
Networks & Infrastructure: IPsec, pfSense, routing, VLANs, ACLs, Cisco Packet Tracer; Linux (Astra Linux SE, RED OS), Docker, KVM, VirtualBox, Zabbix, Grafana.
AI/ML & Training: AI/ML undergraduate studies; Python development training at Yandex Lyceum; advanced administration certification in Astra Linux SE.
Languages: Russian — Native English — C1 Mandarin Chinese — HSK 3