

Madi Tazhibayev

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About me

Data Engineer with experience in ETL development, data automation, and industrial data processing using Python, PostgreSQL, Airflow, and Docker. Proficient with Git, Power BI, and Linux administration. Eager to grow in building scalable data processing systems.

Education

Astana IT University *Sept 2020 – July 2023*
BS in Cybersecurity
◦ GPA: 3.4/4.0

Experience

System Administrator (Intern) *Shymkent, Kazakhstan*
Transtelecom *May 2022 – Aug 2022*

- Maintained computers, servers, and networks: installed software, updated systems, configured printers.
- Provided employee support: fixed login issues, restored file access, resolved internet and email problems.

Cybersecurity Specialist (Intern) *Astana, Kazakhstan*
AIFC Authority *April 2023 – July 2023*

- Monitored Microsoft Security incidents, checked suspicious emails, and logged attacks on corporate mail.
- Identified attacker IP addresses and passed data to senior cybersecurity specialists for investigation.
- Inspected employee PCs during offboarding and ensured compliance with internal security protocols.

Sales manager -> Data Integration Engineer *Astana, Kazakhstan*
Danilight LLP *Oct 2023 – Nov 2025*

- Developed synchronization processes between 1C, WordPress and MySQL using Python scripts and APIs.
- Product data management (prices, descriptions, availability). Data export to Excel and PDF.

Data Engineer (Process & Industrial Data) *Shymkent, Kazakhstan*
PetroKazakhstan Oil Products *Nov 2025 – March 2026*

- Developed automated data pipelines for PI System industrial data processing, reducing manual reporting effort and improving data availability for analytics teams.
- Created API-based web app at KazMunayGas for convenient report delivery to key employees.

Technical Skills

Programming	Python (Core, OOP, scripts, REST API, parsing, Tg-bots); Java; JS (NodeJS)
Databases	PostgreSQL, MySQL, OracleSQL, ClickHouse
Data Engineering	ETL/ELT pipelines, Apache Airflow, logging, monitoring, DL, DWH, LH.
Tools	Git, Docker, K8s, AWS S3, Bash, PowerShell, Power BI
OS & Admin	Linux (users, systemd, iptables), Windows AD, Group Policy
AI & Automation	Prompt Engineering; LLM-powered workflows; AI-assisted development; ChatGPT; Claude; Gemini.
Security	SIEM (Splunk); Kali Linux (Nmap, Burp Suite, Metasploit, etc.)
Design	UI/UX (Figma); Graphics (Photoshop, Illustrator, InDesign)

Projects

ISTE AI

Dec 2025 – June 2026

Founder — ISTE AI

- Developed AI-powered automation solutions using LLMs and APIs.
- Designed product architecture and user workflows.
- Built MVPs and internal tools for process automation.

KEDN (Kazakhstan Esports Digital Network)

Co-founder — Kazakhstan Esports Digital Network (KEDN)

- Developing a digital platform for Kazakhstan esports ecosystem.
- Designing data architecture and automation workflows.
- Managing product roadmap, partnerships, and platform development.