

# Oralbayev Maksat

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## EDUCATION

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### Regional Social-Innovative University

*Bachelor's Degree, Physics Teacher*

Shymkent, Kazakhstan

2014-2016

### Engineering and Pedagogical University of Friendship of Peoples

*Bachelor's Degree, Radio Engineering, Electronics, and Telecommunications*

Shymkent, Kazakhstan

2007-2011

## WORK EXPERIENCE

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### Team Lead / Backend / Full-Stack Developer

*AmanbayTech*

December 2024 – Present

*Kazakhstan, On-site*

- Designed and implemented ERP/FinTech modules for data processing and AI-driven reporting.
- Built Coll-agent Module: Windows data-parsing agent → PostgreSQL → ERP dashboards (Next.js/React). Automated with Docker + CI/CD.
- Built Whisper Recognize Module: Integrated Whisper ASR for multi-speaker transcription. Summarized with Mistral LLM, deployed as a Dockerized microservice.
- Ensured scalability, accuracy, and smooth ERP integration across legacy systems.

### Full-stack Developer

*openTrade*

August 2023 – December 2024

*UK, London. Remote*

- Developed a trading bot for automating trades using CCXT and pandas-ta.
- Implemented data processing via WebSocket API for real-time market information.
- Created a crypto tracker for portfolio monitoring and market data analysis.
- Worked with smart contracts and blockchain integration using Web3.py.
- Developed and optimized technical analysis-based strategies in Pinescript for TradingView.

### Full-stack Developer

*LLC Isker Group*

September 2023 – November 2024

*Part-time — Remote*

- Developed complex Telegram bots using Python and Telegram API.
- Optimized PostgreSQL database, wrote complex SQL queries using SQLAlchemy.
- Participated in REST API development using Django REST Framework (DRF), reducing new module development time by 25%.
- Configured queue processing via RabbitMQ.
- Designed ETL processes for data extraction, transformation, and loading.
- Performed data parsing and logging, ensuring accuracy and completeness in analytical systems.

### Web Developer

*Devex Service*

August 2020 – June 2023

*Saint Petersburg, Russia*

- Full-Stack Backend Development: Maintained and enhanced websites using JavaScript, Python, PHP, and developed microservices using Tarantool and Lua, reducing operational costs by optimizing database and cache systems.
- Microservice and Containerization: Built and managed microservices in Docker for company sites and apps, using Laravel, WordPress API, Django, and No-Code platforms.
- Optimization of Front end development: Led frontend development with NextJS and Vuex, improving interface performance and user engagement.

### Full-stack Developer

*Perfect Systems LLC*

July 2019 – March 2020

*Moscow, Russia*

- Led a team developing a parsing system for collecting and analyzing reviews of doctors and medical institutions in the USA.
- Used the Web Scrappy library for automated data collection from various websites.
- Implemented bypass of site protection using proxy rotation.
- Organized delivery of collected data to Django via queues, ensuring efficient processing and storage.

## Full-stack Developer

*Evrika LLC*

June 2017 – May 2019

*Shymkent, Kazakhstan*

- Interacted with clients and analyzed requirements: Regularly engaged with clients to understand their goals and ensure alignment of web resources with their needs.
- Programming and development: Wrote and implemented programs necessary for website functionality and support, handling both frontend and backend tasks.
- Website maintenance and troubleshooting: Managed and maintained websites, ensuring optimal performance and resolving arising issues.

## SOFT SKILLS

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Project Management, Time Management, Communication, Adaptability, Problem-Solving, Teamwork, Creativity

## TECHNICAL SKILLS

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**Programming Languages:** Python (versions 3.x), PHP, SQL, Lua, PineScript, JavaScript, HTML/CSS, Bash

**Frameworks:** Django, Flask, FastAPI, Django REST Framework (DRF), Laravel, Nuxt.js, Vue, React, and others

**Databases:** PostgreSQL, MySQL, Redis, MongoDB

**DevOps:** Docker, Kubernetes, Jenkins, GitHub, GitLab CI/CD, GCP, VS Code, SourceTree, and more

**Libraries:** Pandas, NumPy, SQLAlchemy, Pytest, CCXT, pandas-ta, Web3.py, Celery, Redis, aiohttp, asynchronous libraries, and more

**ETL Processes:** Creation and maintenance for data processing

**Algorithmic Trading:** Development of trading strategies and bots (PineScript, Alpaca API, WebSocket API)

**Web3 and NFT:** Working with smart contracts, crypto trackers, blockchain integration

**Logging, Data Processing, and Parsing:** Optimization of processes for analytical tasks

**Soft Skills:** Teamwork, code review, task decomposition

## HOBBIES

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Interest in advanced mathematics and financial mathematics.