

Oralbayev Maksat

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EDUCATION

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

Full-stack Developer

openTrade

August 2023 – Present

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

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

TECHNICAL SKILLS

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

Interest in advanced mathematics and financial mathematics.