

Nuradil Serik

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EDUCATION

Nazarbayev University

B.Sc. in Computer Science

Astana, Kazakhstan

Sep 2023 – Jun 2027

EXPERIENCE

Founder & CEO

Astana, Kazakhstan

MyAI (Meta Llama Accelerator) [mynai.xyz](#)

Jul 2025 – Present

- Founded and currently lead an AI-driven startup focused on smart city infrastructure, developing a real-time municipal vehicle monitoring system for Astana.
- Winner of the **Meta Llama Accelerator**, supported by Amazon, Meta, BAITC, and Astana Innovations, securing a grant fund of **1,000,000 KZT** and **5,000 USD in AWS credits**.
- Delivered an MVP platform integrating GPS tracking data (Omnicom, mock generators) with AWS-based backend and mobile application.
- Architected and deployed a cloud-native backend on AWS (Lambda, API Gateway, DynamoDB, EventBridge, Step Functions), enabling scalable real-time data ingestion and processing of 100+ simulated vehicles.
- Implemented DevOps practices: environment configuration, CI/CD, infrastructure as code, and automated schedulers for 15-second tick data generation pipelines.
- Led design of backend microservices (Go, Python/FastAPI) and integration of AI-based notification agent (Meta LLaMA 4 Scout 17B) to deliver predictive alerts to end users.
- Supervised full-stack development: Flutter-based mobile client (**sv-mobile**), backend APIs (**sv-python-backend**), infrastructure/data generators (**sv-infra**), and notification module (**sv-notification-agent**).
- Managed a cross-functional team of engineers and ensured alignment between technical roadmap, accelerator requirements, and city-scale scalability goals. GitHub: [🔗](#)

Data Analytics Teacher

Astana, Kazakhstan

Outpeer

Jul 2025 – Present

- Delivered comprehensive Power BI training covering data visualization, dashboard creation, and business intelligence reporting techniques.
- Instructed students in PostgreSQL database management, including query optimization, data modeling, and relational database design principles.
- Developed Python curriculum focused on data analytics applications using pandas, NumPy, and data manipulation techniques for real world projects.

Analytics Engineer Intern

Astana, Kazakhstan

Astanahub

Jul 2025 – Aug 2025

- Built and maintained dbt staging models to standardize raw data sources, implementing type casting, column renaming, and basic transformations for downstream consumption.
- Developed mart models using dbt to create business ready datasets for reporting and dashboard consumption by stakeholder teams.
- Created interactive Power BI dashboards and reports using mart model outputs.
- Participated in code reviews and contributed to data modeling best practices, following staging-to-mart layered architecture for scalable analytics infrastructure.

Data Science Intern

Almaty, Kazakhstan

Bank Center Credit - Data Lake

May 2025 – June 2025

- Conducting research on the use of LLM and AI for data parsing from websites.
- Collecting own dataset, containing HTML docs with relevant parsing Python code
- Using LLM and AI-agents to check hand-written parser code and further improve and generate code.
- Created a demo showcasing the use of AI in data parsing. GitHub: [🔗](#)

Lead Programming Tutor

Astana, Kazakhstan

MobyDev Academy

Jan 2024 – Jul 2025

- Taught fundamentals of Swift and Python to beginner and intermediate students through hands-on coding exercises and project-based learning.
- Recorded structured video lessons and created supplementary materials to support self-paced learning on the academy's platform.
- Developed and published original courses on Python for data analytics, covering pandas, NumPy.
- Created homeworks for sufficient materials (python, swift, power bi) in russian, kazakh, and english languages
- Developed and published original courses on Python and Power BI as well for data visualization.
- Conducted master classes IT-nomad for beginner and intermediate level programmers, and introduced IT sphere for the audience in both kazakh and russian

Data Analyst
MobyDev Software

Astana, Kazakhstan
Jan 2025 – Mar 2025

- Resolved data-related conflicts between the marketing and sales teams by identifying missing data and creating custom dashboards to support decision-making.
- Developed and maintained ETL pipelines from the CRM system to PostgreSQL databases, automated data extraction into Google Sheets, and ensured robust data normalization processes.
- Used Looker Studio and Power BI to design interactive dashboards, enabling real-time insights into campaign performance, lead sources, and customer acquisition costs.
- Improved data infrastructure by identifying critical data gaps, proposing new data collection strategies, and enhancing data quality for cross-platform attribution and strategic planning.

ADDITIONAL COURSES

Data Science
Outpeer

Astana, Kazakhstan
Oct 2024 – May 2025

- Gained hands-on experience developing Machine Learning models and working with large datasets.
- Learned to preprocess and normalize data using Python and SQL, while building a strong foundation in Linear Algebra, Probability, and Statistics.
- Explored deep learning concepts, including neural networks, and applied them in Natural Language Processing (NLP) and Computer Vision projects. Applied gained knowledge in capstone project that classifies toxic comments in english. GitHub: [🔗](#)

SKILLS

Programming: SQL, DAX, Python (NumPy, pandas, scikit-learn, Matplotlib, PyTorch, TensorFlow).

Tools and platforms: Git, Power BI, PostgreSQL, MySQL, GitHub, VS Code.