

Adilet Shildebayev

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EDUCATION

Nazarbayev University

BSc Computer Science, GPA: 3.54, top 4%

Astana, Kazakhstan

August 2022 – June 2026

EXPERIENCE

Python Developer Intern

Galinder Business Lab

Almaty, Kazakhstan

May 2024 – July 2024

- Developed a web scraping system to gather and analyze data from social media platforms, applying analytical methods for data processing and interpretation.
- Automated client record processing using a Telegram bot, integrating **generative AI** to enhance user interaction and provide more personalized responses.
- Optimized client data handling, improving request processing speed and enhancing user interaction efficiency.

PROJECTS

E-commerce Platform | Python, Django, PostgreSQL, Redis, Celery, Stripe API

September 2024

- Designed and developed a full-featured e-commerce platform, implementing key functionalities such as user authentication, product catalog, and secure payment processing using **Stripe API** for seamless transactions.
- Integrated **Redis** for efficient caching strategies and as a message broker, resulting in a 30% reduction in database load and increasing fault tolerance.
- Integrated **Celery** for handling asynchronous tasks, such as order processing and automated email notifications, enhancing platform scalability and improving user experience during peak loads.
- Conducted comprehensive **unit testing** using **Pytest**, achieving 85% code coverage, ensuring robust performance, system reliability, and minimized downtime during updates.

Shopping Cart API | Django Rest Framework

September 2024

- Designed and implemented a secure **RESTful API** for managing shopping cart functionality, including adding, removing, and updating items, while ensuring that only authorized actions could modify data.
- Developed a secure Product List View, allowing users to view products but restricting them from modifying, deleting, or adding new products to the database.
- Utilized **Django Token Authentication** to protect both the shopping cart and product list endpoints, preventing unauthorized access and ensuring only authenticated users can interact with certain API features.

LEADERSHIP / EXTRACURRICULAR

Jaryq Academy

Startup Leader

Almaty, Kazakhstan

October 2021 – August 2022

- Led an educational startup that became one of the most promising in Kazakhstan's education industry, winning **1st place in "Young Talents"** for innovative impact.
- Attracted over 300 students, with 90% achieving success in university entrance exams.
- Developed tailored exam preparation strategies and stress management tools to support student success.
- Contributed to the development of the **database architecture** and **business logic**, ensuring efficient data handling and operational workflows.

TECHNICAL SKILLS

Languages: C++, Python

Web Development: Django, FastAPI, REST API Development

Database Management: PostgreSQL, SQLAlchemy, DjangoORM, Alembic Data Migration

Database Design: Requirements Analysis, EER Diagrams, UML, SQL

Caching and Asynchronous Tasks: Redis, Celery

Version Control: Git, GitHub

Testing: Pytest, Unit Testing, TDD (Test-Driven Development)

Additional Skills: Microservices, Server-Side Programming, Computer Networks, Continuous Integration/Continuous Deployment (CI/CD)