

# Aspandiyar Sharip

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## Experience

### IT Intern, Schlumberger

Engineered a comprehensive full-stack web application within the Dataiku platform, aimed at optimizing the processing capabilities of the *Inventory Digital Management* system.

Dec. 2023 - Mar. 2024  
Astana, Kazakhstan

## Education

Astana IT University, GPA - 3.45  
*Bachelor in Computer Science*

Astana, Kazakhstan  
Aug. 2022 – Jun. 2025

## Projects

### Inventory Digital Management | Python (Dash, Pandas), Microsoft SQL, Dataiku

[Enterprise Project](#)

- *Data Structuring:* Developed SQL schema for existing Excel data.
- *SQL Management:* Optimized data storage and normalization processes within Microsoft SQL Server, utilizing pandas for data manipulation and SQL scripts for schema design and optimization.
- *Web App Development with Dash:* Developed a dynamic web application using Dash (Python library) for both frontend and backend functionalities, featuring interactive graphs and tables for digitizing inventory management.

### Forum | Golang, SQL, HTML/CSS, JS

<https://github.com/aspandiyar/forum>

- Developed an open-source application for creating and managing basic posts and comments with user authentication and registration, emphasizing the use of *only standard packages*.

### Instagram | Java, SQL

<https://github.com/aspandiyar/instagram>

- Developed a RESTful backend using Java and Spring Framework.
- Integrated PostgreSQL for data storage and management, incorporating database migrations.

## Skills

**Programming Languages:** Golang, Python, Java, JavaScript, Node JS, HTML/CSS

**Databases Management System:** PostgreSQL, MongoDB, MySQL, Microsoft SQL, sqlite3

**Version Control:** Git, GitHub, GitLab, Bitbucket

**Deployment:** Docker, Docker Compose, Linux Bash

**Frameworks:** Golang: *gin, gorilla*. Python: *Pandas, dash, FastAPI*. Java: *spring*. JS: *Express.js, jQuery*.

**Developer Tools:** VS Code, Goland, PyCharm, IDEA, Dataiku

## Awards

Successful completion of **Alem School**, level: **Go Developer**.

- Certificate link: <https://github.com/aspandiyar/aspandiyar/blob/main/alem-photo.png>

Course completion certificate as a **Java Backend Developer** from **TechOrda'23** program.

- Certificate link: <https://github.com/aspandiyar/aspandiyar/blob/main/sapsan-photo.png>