

# Sayat Sembekov

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## Education

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### SDU University

Bachelor's of Science, Computer Science

Almaty, Kazakhstan

Fall 2023 - June 2027

## Work Experience

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### Technopark Organization, SDU

Software Engineer, Assistance

Almaty

Apr 2024 - Present

#### School Technopark

- Developed a backend application for school management, enabling administrators to manage student records akin to a teacher's journal. Utilized Spring Framework, PostgreSQL and Postman for efficient development and testing of RESTful APIs.

#### Wonder Project

- After successfully entering the organization, I collaborated with a team of four people to enhance features in a full-stack application called Wonder. Responsibilities included writing logging statements and implementing validations in the backend using Spring Boot improving both performance and user experience.

## Personal Projects

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### Web Applications

- Developed a backend system for the Technopark selection process using Spring Boot, Spring JDBC, and Spring Data. This involved designing RESTful APIs, creating entity classes, implementing data access layers, and writing SQL queries. Demonstrated proficiency in Java, Spring Boot, and database management.
- Developed a web application called "Event Manager" for managing events, leveraging PostgreSQL, Spring Framework and Docker technologies. Successfully implemented backend functionality by creating API endpoints and other essential backend features. Currently working on developing the frontend to complete the application.

### Automation scripts

- Created automation scripts focused on Linux system administration and backups. Tasks included automating backups, implementing system monitoring, and streamlining administrative tasks using Bash and Python. Contributed to an efficient system administration workflow.

### Command line application

- Currently developing a personal command line application in Rust, scheduled for completion over the summer.

## Technical Skills, Interests

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### Programming languages

C/C++, Java, Python, HTML/CSS, Bash, Javascript(learning), Rust(learning)

### Technologies and Frameworks

Spring Framework, Docker, Postgresql, Linux, Postman, Nginx(learning), Swagger(learning)

### Development tools

Git, Tmux/Vim, Markdown

### Non-Technical

Languages: Kazakh(C2), Russian(C2), English(B2)

Hobbies: Piano, Crypto, Investments