

# Leo Sobolev

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## EDUCATION

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### BMSTU

*Computer Science. Spec - Software Engineer*

Moscow, Russia

Sep. 2019 – May 2023

## EXPERIENCE

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### Python Developer

*ozma.io*

10/2023 – Present

*San Francisco, California, US*

- Developed a telegram chatbot with OpenAI API and developed algorithms to improve user experience, which attracted a stream of users.
- Increased the number of regular users who purchase subscriptions, introduced new features.
- Created a trial system for the bot and introduced detailed logging to count money.
- Configured plugins to make the web application user-friendly, which improved site performance and enhanced user experience.
- Integrated advanced artificial intelligence capabilities, reducing server costs by optimizing resource utilization.
- Improved user experience by adapting web design from Figma into functional web pages.

### Python Developer

*ITRON*

02/2022 – 04/2023

*Moscow, Russia*

- Creating and customizing new functional modules of the web application that improved the user experience and helped the team automate time-consuming processes.
- Optimizing the psql database to speed up query execution and improve performance.
- Refactoring project structure and existing code to improve readability and better integrate new team members into workflows.
- Integration of third party services such as authorization through google, GitHub which improved user experience.
- Improving the security of the web application to protect user data.
- Creating and documenting APIs to interact with other services and mobile app.
- Analyzing user interface and adaptive layout by figma layout.

### Python Developer

*ITRON*

03/2020 – 06/2021

*Moscow, Russia*

- Creation of a Python-based API for data exchange between the server and client devices
- Analyzing and optimizing the performance of the server part of the system, including optimization of database queries, use of caching and asynchronous operations to ensure high responsiveness of the platform.
- Creating a monitoring system to track platform performance and detect problems, as well as implementing logging mechanisms to analyze and debug errors.
- Design and implementation of data encryption mechanisms, as well as mechanisms to handle and protect sensitive user information.
- Successful launch and operationalization of the distance learning system in a short period of time, ensuring the availability of training content for users.
- Ensuring usability of the training platform through adaptive design and intuitive user interface.

## PROJECTS

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### Waiter's friend | *Python, Django, Vue, PostgreSQL, Celery, RabbitMQ, Docker*

December 2023 – Present

- Developed software architecture, wrote technical documentation and developed database architecture
- Developed a functionality for working with a database for waiters with differentiation of rights between users
- Made a convenient user interface with the display of restaurant tables and waiters who serve the table
- Made a convenient system for placing an order and paying from a banking application using a qr code

## TECHNICAL SKILLS

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**Languages:** Python, SQL, JavaScript, HTML/CSS, GO

**Frameworks:** Django, React, Flask, DRF, Bootstrap, Jekyll

**Developer Tools:** Git, Docker, NGINX

**Libraries:** Numpy, pandas, asyncio, aiohttp, aiogram, sqlalchemy, pytest, BeautifulSoup