JASUR YUSUPOV

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in LinkedIn | ○ Github | ⟐ LeetCode | ≝ StackOverflow

SKILLS

- **Programming Languages:** Python, Go, JavaScript, TypeScript, C++
- **Frameworks & Libraries:** Django, DRF, FastAPI, Aiogram, pyTelegramBotAPI, Celery, asyncio, aiohttp, asyncpg, sqlalchemy, Gin, pgx
- **Databases:** PostgreSQL, MongoDB, Redis
- **Tools & Technologies:** Docker, Nginx, JWT, Git, gRPC, REST, JSON, Swagger, RabbitMQ, CI/CD

WORK EXPERIENCE

Tahrirchi: *Lead Software Engineer*   01/2022 – 08/2022, 05/2023 – 05/2024

- Co-developed an award-winning NLP-based app, securing first place in mGovAward (2022) and President Tech Award (2023).
- Developed and maintained a Telegram bot with 5000+ active users, featuring spell-checking, grammar-checking, transliterations, and channel post-scheduling functionalities. Implemented user authentication and premium features via website integration using SMS and email activation.
- Engineered a secure SaaS backend using FastAPI for integration with the Ministry of Justice, including obfuscation and encryption of language models.
- Built the backend of the "Tahrirgoh" mini-platform for editors to correct sentences and track scores, enhancing user engagement and system efficiency
- Enhanced and maintained the website backend written in Go, fixing critical security vulnerabilities and improving performance
- Developed an Adobe InDesign extension in C++ for Uzbek language support, including secure client validation mechanisms using AES-256 encryption and an easy-to-use installer. Developed a live notification system to monitor and alert on various client events, such as extension usage and unauthorized access attempts

Exadel: *Associate Software Engineer*   09/2022 – 06/2023

- Developed the "Logistics Assistant" application, receiving high praise from my mentor.
- Engaged in mentoring and code review sessions, improving team knowledge and code quality.

Exadel: *Intern*   04/2022 – 06/2022

- Developed Django app "Cleaning Service" using Django, DRF, Celery, RabbitMQ, JWT, Djoser, and React.
- Demonstrated ability to work independently and deliver high-quality code, leading to a full-time job offer.

Freelance Projects   2018 - 2021

- Created several Telegram bots for various purposes utilizing Python and Telegram Bot API frameworks.
- Xojakabot: Developed a regex-based chatbot with 100k+ users.
- SteexBot: Created a sticker pack creator bot with image-to-sticker conversion, serving 12k users.
- COVID_19_INFObot: Developed a bot to track COVID-19 statistics.
- Channel Management Bot: Created a private bot to fetch, review, and schedule digital art posts from Instagram accounts, and automate audio file tagging with lyrics and album covers for channel posting.

EDUCATION

IINHA University in Tashkent || Tashkent, Uzbekistan   September 2019 – May 2023

B.S. Computer Science

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Multimedia Processing, Object-Oriented Programming, Software Engineering, Mobile App Development