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# Evgeniy G.

## Telegram ChatBot Developer / Python Engineer

### SUMMARY

- Python Software Engineer with more than 4+ years of experience in software development
- Proven ability to design and build telegram chatbots from scratch, implementing functionalities like search algorithms (CV parsing), voice recording, and payment processing integrations (Stripe, Liqpay).
- Has experience integrating GPT with telegram bots
- Expertise in database management (PostgreSQL, SQL Alchemy) and data security.
- Implemented continuous integration and deployment practices (Jenkins, Docker) for streamlined deployments.
- Excellent knowledge of common software engineering practices, like OOP principles, modern design patterns, test-driven development, continuous integration, and continuous deployment

### SKILLS

<b>Main Technical Skills</b>	Python
<b>Programming Languages</b>	JavaScript
<b>Python Frameworks and Libraries</b>	AsyncIO, Django, Pandas, Pydantic, PyTest
<b>UI Frameworks, Libraries, and Browsers</b>	jQuery
<b>Databases &amp; Management Systems / ORM</b>	MongoDB, MySQL, PostgreSQL, Redis, SQL, SQL Alchemy
<b>Cloud Platforms, Services &amp; Computing</b>	AWS
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Trello, Jira
<b>Scripting and Command Line Interfaces</b>	Bash
<b>Message/Queue/Task Brokers</b>	Celery
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD

<b>Virtualization, Containers and Orchestration</b>	Docker, Docker Compose
<b>SDK / API and Integrations</b>	FastAPI, RESTful API, Stripe, Telegram API
<b>Version Control</b>	Git
<b>Methodologies, Paradigms and Patterns</b>	Kanban, Scrum
<b>Operating Systems</b>	Linux, macOS, Windows
<b>QA, Test Automation, Security</b>	PyTest, Selenium
<b>Other Technical Skills</b>	Aiogram, Openai, Pipedrive

## EXPERIENCE

### Python developer, E-commerce (Online Bookstore)

May 2023 – March 2024

**Description:** Developed an innovative online bookstore platform that offers an extensive collection of books with efficient genre-based filtering and purchasing options. The platform is designed to enhance the user experience by simplifying the book selection and buying process.

#### Responsibilities:

- **E-commerce Website Development:** Played a key role in building the online bookstore using Django, ensuring a user-friendly interface and smooth navigation.
- **Genre-Based Filtering System:** Implemented an advanced filtering system, allowing users to find books by their preferred genres effortlessly.
- **AI Consultant Implementation:** I spearheaded the integration of an AI consultant using OpenAI API, which provided instant and relevant responses to customer inquiries.
- **Backend Development:** Utilized Django REST Framework for robust backend development, ensuring efficient data handling and API responses.
- **Database Management:** Managed and maintained the PostgreSQL database, ensuring data integrity and optimal performance.
- **Task Automation:** Employed Celery for asynchronous task management, enhancing the website's efficiency and user experience.

#### Key Achievements:

- **AI Consultant Efficiency:** Successfully enhanced customer service and engagement through the AI consultant, significantly reducing response time and improving user satisfaction.
- **Scalable E-commerce Solution:** Contributed to developing a scalable and efficient online bookstore platform that effectively caters to a growing user base.



**Technologies:** Django REST Framework (DRF), PostgreSQL, Celery, OpenAI API

### Telegram Bot

September 2022 – May 2023

**Description:** Developed an advanced Telegram bot to streamline the process of searching through employee CVs for specific skills and experience.

#### Responsibilities:

- Development from scratch
- Design architecture
- Bugs fixing

#### Features:

- CV Upload Interface: Enabled secure upload of CVs, allowing employees to categorize themselves by departments and skill sets.
- Advanced Search Functionality: Provided managers with a powerful search feature to locate candidates with specific skills like Python, DevOps, JavaScript, or AWS.
- Employee Engagement Metrics: Incorporated analytics to display the number of interactions per employee profile based on the search results.

#### Accomplishments:

- Efficient Talent Discovery: The bot made it easier and quicker for managers to find the right talent within the organization.
- Data-Driven Decisions: Equipped managers with insights on employee engagement metrics, aiding in informed decision-making.

**Technologies:** Python, AIOGRAM, PostgreSQL, SQL Alchemy

### Telegram Bot

March 2022 – August 2022

**Description:** Bot for selling courses and educational materials

#### Responsibilities:

- Development of new functionality,
- Implementation of a referral system,
- Introduction of payment processing,
- Normalization of the database,
- Integration with CRM system

**Technologies:** Aiogram, Stripe, Pipedrive, Pydantic, SQLAlchemy, PostgreSQL



## Telegram Bot

August 2021 – February 2022

**Description:** Developed a sophisticated Telegram bot to streamline the process of collecting and grading spoken English homework assignments.

### Responsibilities:

- Development from scratch
- Design architecture
- Bugs fixing

### Features:

- Voice Recording Submission: Provided an intuitive interface for students to record and submit voice messages.
- Randomized Topic Assignment: Implemented a system randomly assigning topics to students after the voice message submission.
- Teacher Interface: Created a specialized interface for teachers to sort and grade voice submissions by department.
- Real-time Updates: Integrated real-time notifications, informing teachers about new submissions for quicker grading.

### Accomplishments:

- Automated Workflow: The bot successfully automated the entire workflow, reducing the time needed for both assignment submission and grading.
- User Segmentation: Implemented multiple roles (students, teachers) with their respective functionalities, optimizing the usability for different user types.

**Technologies:** Python, Aiogram, SQL Alchemy ORM, PostgreSQL

## Telegram Bot

February 2021 – July 2021

**Description:** This is a telegram-bot for one of the local social media which was created to get feedback and questions from users, give the possibility to subscribe for news and make a paid subscription for additional benefits

### Responsibilities:

- development and testing telegram bot;
- integration and testing payment system in bot;
- deployment on cloud

**Technologies:** aiogram, GINO (ORM), PostgreSQL, Redis, Liqpay (Payment system by Privatbank), AWS EC2



## **Python developer, Stock Monitoring, and Investment Analysis Platform.**

September 2020 – January 2021

**Description:** Developed a specialized platform focused on monitoring stock prices and potential profits in Turkey and the USA. This platform featured a comprehensive flow capable of displaying stock growth, historical price charts, and expert opinions for top investment choices.

### **Responsibilities:**

- **Stock Monitoring Logic:** Implemented the core logic for tracking and displaying stock price movements and growth over extended periods.
- **Portfolio Management:** Created a user-centric flow for managing personal investment portfolios, allowing users to visualize their investment growth.
- **Data Analysis and Processing:** Utilized Pandas for robust data analysis and processing to offer insightful investment information.
- **Calculation of the Top 5 Stocks:** integrated expert opinions and market data to calculate and present the top 5 promising stocks for investment.
- **System Integration and Automation:** Employed Jenkins, Docker, and Celery for continuous integration, deployment, and task automation.
- **API Integration:** Integrated with EOD Price API to fetch real-time stock market data.
- **Backend Development:** Focused on backend development using Django and DRF to ensure smooth, efficient, and secure data handling.

**Technologies:** Django, Pandas, PostgreSQL, Jenkins, Docker, Docker Compose, Celery, Django REST Framework (DRF), End-of-the-Day (EOD) Price API, Python, CI/CD, Bash

## **Python developer, Contract Automation**

March 2020 - August 2020

**Description:** Designed and implemented a contract generation automation system to streamline employee contract creation, parsing, and management.

### **Responsibilities:**

- Led the development of the project from the ground up, ensuring robust performance and reliability.
- Architected the backend framework, facilitating easy integration with other systems and scalability.
- Continuously identified and resolved bugs, improving system stability and user experience

### **Features:**

- **Template-based Contract Creation:** Developed a dynamic system that utilizes templates to generate various contracts, enhancing efficiency and accuracy.
- **Data Parsing:** Engineered a robust parsing module to extract and process employee data, ensuring seamless contract customization.
- **Contract Variations:** Implemented an adaptable framework to handle multiple contract types, including extensions, primary contracts, and terminations.



- **Scheduled Tasks:** Integrated Celery for asynchronous task management, allowing for scheduled contract generation and database updates.

**Accomplishments:**

- **Process Optimization:** The system significantly improved the contract creation workflow, reducing manual effort and processing time.
- **Scalable Solution:** Successfully established a scalable contract management system capable of handling an expanding array of contract types and conditions.

**Technologies:** Python, Django, Django REST Framework (DRF), Celery, PostgreSQL, Pandas, Docker, CI/CD, Bash

**Python developer, SQL Learning Platform**

July 2019 – February 2020

**Description:** This project's main responsibility is to automate available processes for multi-platform audio content and entertainment organization.

**Responsibilities:** Covering codebase with tests, API automation testing, parsing site

**Technologies:** Python, Selenium, PyTest

**EDUCATION**

**Kharkiv National University of Radio Electronics,**

Bachelor of computer engineering

