



Andrew Ovsyannikov

SENIOR FULL-STACK DEVELOPER
6+ YEARS OF EXPERIENCE

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About

As Front-end Web Developer I prefer to use TypeScript(Vue, React), HTML, CSS(Less, Bootstrap/Material).

As Back-end Web Developer I prefer to use NodeJS(Nestjs), Python(FastApi, Django/DRF, Flask, SQLAlchemy), SQL(PostgreSQL, MongoDB), Nginx, Docker.
I like to grow my professional skills and learn something new.

Skills

| | |
|------------------------------|--|
| Operating Systems | Linux, Windows |
| Development languages | Python, JS/TS, C#, Go |
| Frameworks | Node(Express, Nest, Prisma, TypeORM), Vue/Nuxt, React, Angular, Python(FastAPI, Django/DRF, Flask, SQLAlchemy) |
| Management systems | Jira, Trello, Space, Notion |
| DBMS/MQTT | PostgreSQL, MongoDB, MySQL, Redis, RabbitMQ, Kafka, DynamoDB |
| Others | Celery, Docker, Nginx, Git, Google Cloud Platform, AWS (Amplify, Lambda, S3, Cognito), WebRTC, SocketIO. |

Degree

Artificial intelligence - Master of Computer Science (MCS) - 2018 - SibSAU.

Software engineering - Bachelor of Computer Science (BCompSc) - 2016 - SibSAU.

Languages

English: B1-B2

Russian: Native

Employment history

11/2022 to date - [UDev](#) - Full-stack Developer

Skills: TS, Nodejs(Nestjs, Prisma), Python(FastAPI, SQLAlchemy), SocketIO, React, PostgreSQL, Docker, Kafka, MongoDB, GCP.

Participated in development of: Tumeke (<https://www.tumeke.io/>), music streaming service for smart speakers, online broadcasting and media information exchange service.

Implemented: Alice's ability to play background music on smart speakers using NLP command processing; authentication API; selection of participants in stand-up rooms with the ability to reduce the wait time; project migration from Python to Nodejs; visualization of Ergonomic Posture Risk Assessment Calculation Results, raw SQL optimization.

07/2021 to 03/2022 - [Altermeliora](#) - Full-stack Developer

Skills: NodeJS(NestJS), React.js, Python(Django), GCP, PostgreSQL, Redis, Docker, MongoDB.

Participated in development of: a [payment platform](#) for selling courses and products.

Added: products' form; logic of discounts and promo codes; generation of sales reports; settings for payment systems; tax calculation for sellers; delivery of goods using *Shiptor* and *ChinaDivision* API; payment systems *Bluesnap*, *Fondy*, *Paypal*, *YooMoney*; Email Delivery Service *SendGrid*; form that creates hierarchy of categories; auto-registration of users on [Club](#) after a successful payment; enablement to create different auto-registration scripts; calories' calculation; data synchronization between platforms; CRM and [Club](#) multilingual interface.

07/2020 to date - Freelance([Upwork](#)) - Full-stack Developer

Skills: Node(Nest, express), Python(Flask, FastAPI, Tornado), SQLAlchemy, Vue.js, Nuxt, Vuetify, React, WebRTC, Angular, AWS(Amplify/Lambda/DynamoDB/Cognito), GraphQL, RabbitMQ, Docker, C#(ASP.NET 6), PostgreSQL, MongoDB, Minio, socketio, Keycloak.

Projects:

1. 08/2022 - 11/2022:

- Participated in development of: assessment system with gamification for company [Cibirlan](#).
- Marked up layouts of: page for creating scheduled tournaments.
- Added: automatic filling of rooms; the logic of launching tournaments, assigning roles and teams; game chat.

2. 03/2022 - 04/2022, 07/2020 - 09/2020:

- Participated in development of: [the video surveillance system](#).
- Marked up layouts of: admin panel.
- Added: customizable dashboard, widgets, pipelines.

3. 04/2021 - 06/2021:

- Participated in the development of: [MVP of freight transportation](#).
- Marked up layouts of: admin panel.
- Added: authorization; geocoding via [here.com](#); data visualisation on a map.

4. 02/2021 - 04/2021:

- Participated in development of: [I-EXP](#) projects.
- Developed: Telegram bot to notification about user actions; data generation methods for neural network training; search by similar images; authorization; project architecture for selling the system to third-party companies with payment for requests to the neural network.

5. 11/2020 - 12/2020:

- Participated in development of: [website security analysis system](#).

6. 06/2020 to date:

- Participated in development of: MMORPG game [Pony.Land](#).
- Developed: website [Pony.Land](#); SSO authentication; algorithms to protect against DDOS attacks and bots; classification of junk messages using the Gibberish Classification algorithm; flood and spam protection algorithms that identify similar messages from different users using the Longest Common Subsequence; NN to classify bad messages; API for custom character textures.
 - Added: Google recaptcha; hCaptcha; sendGrid for sending messages and validating email clients API for custom character textures.

08/2018 to 10/2020 - [YLab](#) - Full-stack Lead Developer

Skills: Python(FastAPI,Django/DRF,Flask), SQLAlchemy, TensorFlow, AngularJS, Vuejs, Go, PostgreSQL, Redis, Celery, Docker, Minio, S3, scrapy/selenium, Clickhouse, MSSql.

Projects:

1. [ECN.Broker](#) ([Esplanade MS](#)):

- **Marked up layouts of:** admin panel; user account; traders' training pages; landing pages; email templates.

- **Developed:** authorization's form; microservice for API *MetaTrader 4*; Telegram bot to notification about user actions; referral program; forex calcs;

- **Added:** payment systems *RBK.money, Accentpay, Interkassa*; *WYSIWYG Quill* editor for news; API *Claws&Horns*; *google visualization charts*; API *IndigoSoft*; *RAMM copy trading*; API *Bpilot* for contract specification; Email Delivery Service *SendGrid*.

2. [B2B-export](#):

- **Marked up layouts of:** admin panel; user account; email templates.

- **Added:** form that creates hierarchy of categories; bulk import of products; *ABBY* translation API.

3. [Carreta](#):

- **Added:** bulk import of prices.

4. Internal projects:

- **Added:** product prices crawler; system for aggregating CSV/XLS reports; user testing system; OCRsystem.

09/2016 to 02/2018 - [Aigeo](#) - Full-stack Developer

Skills: Python(Django/SQLAlchemy), AngularJS, OpenLayers 3, PostgreSQL.

Developed web application: [Aigeo References](#); [Aigeo References Map](#); [Medical Areas\(mirror\)](#); [Normalizer](#);

Added: [Medical Areas](#) as module to [Med-monitor\(mirror\)](#).

Extended: [Geonode](#) API for [Aigeo's services](#).