

# Andrey Gruzdev

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## ★ Summary

Primarily I am a back-end developer but I've also dabbled in front-end. My main strengths are designing robust APIs, building databases and creating real-time updating apps based on SignalR websockets. Although my main passion is software craftsmanship, I also have an experience in trading and I am eager to immerse myself in blockchain development to build traditional financial instruments in the DeFi ecosystem.

## 📁 Work experience

📅 11/2020 – 07/2021 📍 MOSCOW, RUSSIA  
**Software Development Engineer**  
**Amkapital**

📅 04/2022 – 09/2022 📍 DUBAI, UAE  
**Senior .NET Developer**  
**Infostrategic**

## 📁 Projects

### Multi-user chat

**Description:** Chat subsystem that can be integration into the different jitsi-meet project. The subsystem is using contacts and video-calls from the main system. The main functionality is to create private or group chats with moderation and chat in real-time. Also, this subsystem is creating the new chat for each new video meeting in the main system.

### My contribution:

DB design, Authorization through main system, .NET Core main app back-end, SignalR hub for chat, Swagger API documentation, nginx setup

### Used stack:

ASP.NET Core, SignalR, Entity Framework (DB First), Oracle DB, swagger, JWT Auth

### Student attendance monitoring service based on ML

**Description:** Monitoring service created to validate if the real person is presented on the online meeting. The main functionality of the app is to schedule or join the meetings. Moderators have extended functionality which is: user moderation, live-time monitoring or generating report by the end of the meeting.

## 📁 Projects

**My contribution:** Bots service created with flask and selenium web driver that is used to monitor the meeting, DB design, JWT authentication, .NET main app back-end, Swagger API documentation, jitsi-meet integration, jitsi lua plugin, nginx setup

### Used stack:

ASP.NET Core, Entity Framework (DB First), flask, selenium web driver, jitsi-meet, Oracle DB, swagger, JWT Auth

## 👤 Education

**BA of Computer Science** - Higher School of Economics

## 👤 Skills

### Programming languages

C#, C++, Python, SQL, JavaScript, TypeScript, Solidity

### Back-end stack

ASP .NET Core, Entity Framework, SignalR, Flask, node.js, RDBMS, redis, MongoDB

### Front-end stack

React

### Other

nginx, docker, kubernetes, git, DB architectures, swagger, JWT, OAuth, OAuth 2.0, Identity Server, Selenium, Agile, Software design patterns, Documentation

## 🌐 Languages

|         |               |
|---------|---------------|
| Russian | <b>Native</b> |
| English | <b>C1</b>     |
| German  | <b>A2</b>     |

## 📁 Interests

Triathlon, Finance, Blockchain