# Bazalii Ivan

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## EDUCATION

**ITMO University, Saint Petersburg**                               September 2020 - June 2024
Information Technologies and Programming Faculty
Bachelor in Computer Science
Current overall GPA: 4.85

## EXPERIENCE

**Mapins**                                                            July 2022 - March 2023
*Head backend developer*                                        *Saint Petersburg, Russia*
- **Startup in IT**: an interactive map web application.
- I coordinated work of backend team, created application architecture, implemented business logic tasks, solved emerging difficulties and created documentation with usage of UML diagrams. I also configured pipelines for Gitlab CI/CD with usage of Ansible and I set up nginx on the server.
- Technologies used in main product: **Kotlin**, **Quarkus**, **PostgreSQL**, GraphQL, Opensearch and Docker. **C#**, **ASP.NET Core** and **Entity Framework Core** were used for GraphQL mock, internal project for development.

**ITMO University**                                                             June 2023
*.NET developer*                                                *Saint Petersburg, Russia*
- I developed plugin for **C# Roslyn** compiler. It automatically checks code quality of student laboratory works which are written during Object Orientated Programming subject. Plugin code is covered with unit tests.

## PROJECTS

**FluentPaint** | *C#, Avalonia, .NET Core*                     October 2022 - December 2022
- **A cross platform photo editor** that supports several image formats: jpeg, png, pgm, ppm. It offers wide range of different options: filtering, dithering algorithms, gamma correction, conversions between color spaces, histograms building and drawing on a picture. I coordinated work of the team, implemented UI and business logic tasks.

**Nothing to forget bot** | *C#, Entity Framework Core, PostgreSQL*        June 2022 - August 2022
- **Telegram bot** for notes and reminders, written in asynchronous manner.

**Minibank** | *C#, ASP.NET Core, EF Core, PostgreSQL, Docker*        February 2022 - May 2022
- **REST API backend** for a simple bank, written in asynchronous manner.

**OOP labs** | *C#, .NET Core, ASP.NET*                     September 2021 - January 2022
- Different projects that use patterns and principles of **object-orientated programming**: modelling of bank system, university managing application, backups creator and sprint reporting system.

**Job search system** | *Kotlin, Quarkus, Javascript, HTML, CSS*        February 2023 - May 2023
- **Web application** for job search. It allows to create a resume using a template, add and get commentaries about workers and companies, which may help HRs to find a candidate and applicants to find a suitable job.

## ADDITIONAL EDUCATION

**Tinkoff Fintech**                                                  February 2022 - May 2022
*.NET developer*
- A course for .NET developers. Included themes: CLR, ASP.NET Core, databases and Entity Framework Core, asynchronous programming, authentication, unit testing and containerization of applications.

## ACHIEVEMENTS

**LCT hackathon: route builder for scooters, top-6 out of 39 teams**             June 2023

## TECHNICAL SKILLS

**Programming Languages**: C#, Kotlin
**Technologies and Tools**: SQL, PostgreSQL, Git, Docker
**Frameworks**: ASP.NET, Entity Framework, Quarkus, Hibernate
**Skills**: Algorithms and Data Structures, OOP(patterns, principles), Databases, English(C1)