

Egor Kravchenko

Full Stack (.NET, TypeScript)

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Date of Birth	2-September-2003
Nationality	Ukrainian
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WORK EXPERIENCE

- **Full Stack (.NET, TypeScript)**

Peanut Trade

Mar 2024 – Oct 2024 (8 months)

- Implemented support for new blockchain networks, including TON, Tron, and Polygon, expanding supported chains functionality
- Expanded and enhanced the functionality of centralized exchanges, integrating new platforms such as BitGet and Gate to support additional trading features
- Optimized and refactored code to improve performance and maintainability, ensuring more efficient workflows
- Diagnosed and resolved bugs across various services, contributing to higher system stability
- Developed smart contracts in Solidity for a specific projects needs

- **Full Stack TypeScript Developer**

DiExp-Tech

Jun 2023 – Feb 2023 (9 months), Dnipro, Ukraine

- Implementation of payments: Google/Apple Pay, Bit, Stripe
- Improving existing code performance
- Implementation of services for uploading and deleting files using Amazon S3
- Deployment of Node.js projects to AWS Elastic Beanstalk
- Writing services for managing restaurants, offers, chats, etc.
- Implementation of GitHub Actions for build, test and deploy
- UI bug fixes, adding translation and writing admin panel
- Performing code review of pull requests from colleagues
- Database and architecture design

Links:

- * doss.es

- * blends.co.il

- **Junior .NET Developer**

Freelance

Jun 2022 – Sep 2022 (4 months)

- Implementing JWT authentication with refresh session mechanism
- Implementation of services for creating and paying for orders
- Writing a service for uploading photos to Azure Blob Storage
- Writing unit tests using XUnit
- Performing code refactorings and increasing performance of the system
- Conducted manual tests of APIs using Postman

Freelance

Feb 2022 – May 2022 (4 months)

- Writing and improving the SQL stored procedures in order to increase overall performance of the system
- Working with React to fix UI bugs and implementing themes
- Writing unit tests using XUnit and FluentAssertions
- Conducted manual tests of APIs using Postman
- Implementation of a simple donation system using Stripe
- Performing refactorings over difficult and non-readable code-parts

EDUCATION

University	Degree	Location and Period of Study
Oles Honchar Dnipro National University	B.S. in Software Engineering, Full-time	Dnipro, Ukraine, Sep 2021 – Jun 2025

SKILLS

Technical:	C#, Git, ASP NET Core, EF Core, Dapper, XUnit, SQL, SQL Server, PostgreSQL, MongoDB, MySQL, RedisDB, JavaScript, TypeScript, React.js, Node.js, Express.js, Nest.js, TypeORM, RabbitMQ, Web3, Solidity, GitHub Actions, Docker, Azure, Amazon S3, AWS Elastic Beanstalk
Languages:	English (B2), Ukraine (Native)

PROJECTS

- **Arbitrage Bot:** Automated cryptocurrency arbitrage between Uniswap (DEX) and Binance (CEX) exchanges. Key features:
 - Identification of real-time arbitrage opportunities between Uniswap and Binance
 - Monitoring of transactions and calculation of profits
 - Secure token transfers between a Metamask wallet and Binance account

- Placement of limit orders on Binance
- Implemented token swaps on Uniswap

Technologies Used: *TypeScript, Node.js, Web3.js, Binance API*

Source code: github.com/kravchenkoegorii/arbitrage-bot

- **Gpt Chat:** Real-time OpenAI chat with voice input opportunity.

Key features:

- Send text messages and receive replies from AI in real-time
- Voice to text transcription
- Automated CI including build and test
- Using gpt-3.5-turbo and whisper-1 models

Used Technologies: *TypeScript, Nest.js, OpenAI API, TypeORM, PostgreSQL, React, SocketIO*

Source code: github.com/kravchenkoegorii/GTPProject

- **Caregivers Firebase:** Caregivers service with Google Maps and Firebase APIs.

Key features:

- Creating elderly's help requests
- Address autocomplete
- Requests displaying on Google Maps
- Showing request's details and applying it by clicking on the map marker
- Automated CI/CD including build, Heroku deploy and applying Firestore rules

Used Technologies: *TypeScript, React, Google Maps API, Firestore Database, Firebase Authentication*

Source code: github.com/kravchenkoegorii/CaregiversFirebase