



# Bogdan Grishin

Full-Stack NodeJS Developer

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## Location

Warsaw, Poland



## Years of Experience

3 years of commercial experience



## Currently Coding on

Macbook Pro 14" M2 Pro 2023

## Ukrainian

Native

## English

B2 (Upper Intermediate)

## Polish

A2 (Elementary)

## Russian

Native

## Technical skills



### Front-end

HTML/CSS/JS

ReactJS

Typescript

NextJS

Redux

JQuery

@grammarly/focal (reactive state)

Bootstrap CSS

ViteJS

SolidJS

Canvas Drawing (charts,graphs,etc.)

Tailwind CSS

React Hook Form



### Back-end

Express

NestJS

Socket.IO & Web sockets

SQL Databases (MySQL,PostgreSQL)

NoSQL Databases (Redis MongoDB)

Pug

EJS

Firebase

Docker & Docker Compose

Caddy

Chat-bot Development (telegram,whatsapp,slack,etc.)

Telegram User Bots (MTPROTO)

TypeORM

Auth (jwt,passport,basic etc.)

Auth0

OpenAPI (Swagger)

Sequelize

TypeORM

Prisma

Fastify

Linux

SSH

Bash

Certbot

Nginx

Event sourcing / CQRS

E2E tests (Jest)

BullMQ (and Bull board)

Redis caching

AWS Lambdas

AWS EC2

AWS RDS

AWS SNS & SES

AWS Cognito

AWS S3

Cloudflare



### Common skills

Git

RxJS (reactive programming)

puppeteer (web scraping)

OpenAI API

Solana WEB3

Google APIs

Jira

Slack

Figma

Postman

OCR text recognition using OpenAI on AWS lambda function



Contributor in big crypto & financial & health care & AI projects and an active participant in non-commercial volunteer projects.



Proactive and responsible team player, never afraid to seem inexperienced or admit my own mistakes. Values learning abilities over knowledge, transparency over assumptions, and awareness over ignorance.



Worked in the backend development of complex CRM systems, applying my in-depth knowledge of databases to optimize processes related to data storage, retrieval, and manipulation. My experience spans various database management systems (DBMS) including MySQL, PostgreSQL, and MongoDB. This has enabled me to design, implement, and maintain efficient, secure database solutions specifically tailored to meet the needs of CRM applications.

## Projects

### WellCell Global



I worked at WellCell Global, a U.S.-based biotech and infusion system provider specializing in Physiologic Insulin Resensitization (PIR®), a patented method that administers insulin as a hormone (rather than a drug) via infusion pumps to treat diabetes and metabolic disorders. In my role, I was deeply involved in front-end development—designing and implementing complex and scalable forms for patients and dynamic chart-drawing interfaces using HTML canvas to visualize patient data—while also working across the full stack to integrate those interfaces with our backend services. This included API design, data processing pipelines, and ensuring secure communication between client applications and server-side components. My work significantly streamlined user workflows for clinicians, enhancing both usability and performance in managing infusion sessions and patient monitoring data.

### TestSmarter IDTF



Worked at TestSmarter IDTF, one of the leading patient management platforms and Medicare-participating independent diagnostic testing facilities (IDTFs) in the U.S. Their system supports in-home and overnight pulse oximetry, home sleep apnea testing, and a full suite of oxygen certification tools—all built to dramatically reduce certification time, cut errors, and streamline insurance workflows. My role focused heavily on backend development and AI-driven automation, where I built and maintained AWS Lambda functions to manage tasks like insurance pre-verification, patient eligibility checks, claims submission, and secure data handling. These features helped minimize claim denials and automated repetitive processes, freeing up staff for more strategic work. Overall, I delivered significant improvements in system performance, reliability, and operational efficiency—contributing to smoother patient care and faster reimbursements. (3 years)



### okotoki

Cryptocurrency orderbooks, trades and liquidations info Visualized liquidity for cryptocurrency markets. Combined orderbooks, trades and liquidations for exchanges that matter. (2 years)



### MAGNI Solana Wallet

Participated in the Colosseum 2023 hackathon, during which I wrote a crypto wallet extension on Solana. The idea was that the user's wallet should be stored on his phone, which he does not use, without Internet access and with our application (something like a cold wallet). When the user wants to make a transaction, a QR code with a transaction appears in the browser extension, which the user must scan from his "crypto-phone", then sign the transaction on the phone, and after that another QR code appears on the phone, which needs to be scanned through the computer's webcam, after which the transaction is sent for execution to the blockchain. Since we learned about the hackathon only 4 days before its end, we only managed to make an extension for the browser, and so we had to simulate as if it works from a QR code on the phone. Of course, we did not win, but it was a lot of fun!



### Starflow

Animated starry sky completely drawn on canvas, using React.



### Tracker

Website that can get user geolocation data, web camera photo and many more using navigator class.



### Candlestick chart generator

Candlestick chart generator with settings, on ReactJS. Can generate pretty realistic chart.



## History of Bitcoin

Static curve-line chart that displays history of Bitcoin.



## NestJS Star Wars Api

Star Wars is a project about all the characters from the Star Wars movie. Its essence is to show information about all the characters, planets, films in the form of api. Through swagger api, you can create, edit and delete a character, as well as attach pictures to it.



## Advent of Code 2022

Participated in Advent of Code 2022. Solved 22 / 25 levels with both variants. Advent of Code is an Advent calendar of small programming puzzles for a variety of skill sets and skill levels that can be solved in any programming language you like. People use them as interview prep, company training, university coursework, practice problems, a speed contest, or to challenge each other.



## Telegram Bitcoin price predictor

🤖 This bot can try to predict the future price of Bitcoin using ChatGPT.



## AI Dialog

Experiment where two AI bots talking with each other in Telegram channel (basically just two telegram bots, both connected to OpenAI API)



## My bio page

Page about me, my experience, my projects etc. Written on NextJS.



## Telegram Temp-mail bot

Bot which gives you temp-mail for 10 minutes. After that time it expires.



## Currency Rates

A website which can give you currency rates using api.



## NodeJS webcam server.

This is server which can broadcast the image from your webcam to html page using livecam NPM package.



## Snake Game on canvas

Just snake game, like on Nokia phones 🐍



## QR-Code Generator

Website which can generate QR-Code with any text which you provide.



## Weather

Website which can give you current weather in your region.



## Matrix

Matrix effect on HTML Canvas.



## Telegram news aggregator

User bot which takes data from few telegram news channels and sends it to one. Also it using AI to filter out repeating news.



## Note.IO

Website which can store notes in local storage. Pretty simple. More like a design work.



## TextRunner

Website on React and Redux which allows you to test your typing speed.



## Tic-Tac-Toe

Tic-Tac-Toe game with 2 players mode and stupid bot mode. (thinking about adding an AI 🤖 )