

Roman Pylypchuk

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[Git Hub](#) 

[LinkedIn](#) 

Full Stack Developer

Full-stack developer with ~2 years of experience across the JavaScript ecosystem - React and Next.js on the frontend, Node.js and Express on the backend, PostgreSQL and MongoDB for data. Have shipped features in a live product with 1,000+ users, built real-time systems with WebSocket, and integrated AI APIs (OpenAI, Gemini) into production projects. Comfortable working across the full stack, picking up new tools quickly, and collaborating with designers and clients.

Skills

- ▶ Programming languages: JavaScript, TypeScript, Node.js, HTML, CSS.
- ▶ Frameworks & Tools: React, Next.js, Redux, Tailwind CSS, SASS, Git, GitHub, npm.
- ▶ Databases: MongoDB, Firebase, PostgreSQL
- ▶ APIs & Integration: REST APIs, WebSocket, Axios, JWT, React Query
- ▶ AI: OpenAI API, Gemini API, GitHub Copilot, Cursor
- ▶ Testing & Other: Jest, Postman
- ▶ UI/Design & Collaboration: Figma, Sketch, Adobe XD, Trello, Jira

Experience

Back End Developer

March 2025 - September 2025

Freelance, Remote

Sole developer on a freelance project: a Node.js tool that tracked real-time price changes on a prediction market platform and pushed alerts to Slack. Designed the data model, implemented event-driven logic, and managed deployment and production monitoring.

Stack: TypeScript, Node.js, WebSocket, Axios, MongoDB, Slack API

- ▶ Built a WebSocket client tracking price changes across 20 live market events simultaneously.
- ▶ Implemented Axios-based fetching for live market data.
- ▶ Set up Slack notifications that cut the user's reaction time by around 70%.
- ▶ Stored and structured event data in MongoDB for easy querying and analysis.

Full Stack Developer

February 2022 - June 2023

Control, Lviv, Ukraine

Part of a small dev team on a freehand web design tool with ~1,000 active users. Worked across the whole stack - building new features, fixing bugs, writing tests, and keeping dependencies up to date.

Stack: TypeScript, React, Node.js, Next.js, MongoDB, Jest

- ▶ Built object scaling and scroll-based animation features used by all active users.
- ▶ Added YouTube and Vimeo embedding support to the editor.
- ▶ Wrote Jest tests for core features to catch regressions early.
- ▶ Updated 5 npm packages to newer versions, resolving type and compatibility issues.
- ▶ Worked closely with designers to match Figma mockups across devices.

Front End Developer

January 2023 - April 2023

MOM Design, Lviv, Ukraine

Short-term role at a small design agency. Turned Figma and Adobe XD mockups into responsive websites, communicated directly with clients, and delivered on tight deadlines.

Stack: React, Tailwind CSS

- ▶ Built fully responsive sites from design mockups with close attention to detail.
- ▶ Gathered client feedback directly and shipped revisions on time.
- ▶ Kept code modular so future updates were straightforward.

Projects

- **Session-Based Balance Tracker - React, Node.js, TypeScript, MongoDB, Tailwind** [Link](#) [Front-End](#) [Back-End](#)
 - ▶ Full-stack application to track cash and tournament session entries with balance calculation logic.
 - ▶ Implemented JWT authentication with HttpOnly refresh tokens and secure token rotation flow.
 - ▶ Used Axios interceptors for automatic access token refresh and protected routes.
 - ▶ Leveraged React Query for efficient server-state management and real-time UI synchronization.
 - ▶ Designed REST API structure and MongoDB schema for session-based financial tracking.
- **Smart Hashtag Generator – React, SASS, OpenAI API** [Link](#) [Code](#)
 - ▶ Built an application using the OpenAI API for automatic hashtag generation.
 - ▶ Implemented configurable hashtag count and one-click clipboard copy functionality.
 - ▶ Designed fully responsive layouts for desktop and mobile devices.
- **Polymarket Statistic Collector – Node.js, TypeScript, MongoDB, WebSockets** [Code](#)
 - ▶ Collected and stored market data from Polymarket for personal research.
 - ▶ Implemented live data fetching scripts and designed a MongoDB schema for efficient retrieval.

AI & Development Practices

I use AI tools as part of my everyday workflow and have built features with LLM APIs in personal projects.

- ▶ Integrated OpenAI and Gemini APIs in projects - handling prompts, parsing responses, and dealing with API errors.
- ▶ Use Cursor and GitHub Copilot regularly to write and refactor code faster, while making sure I understand what's generated.
- ▶ Experimented with chaining LLM calls with external APIs to automate simple multi-step tasks.
- ▶ Mindful of basics: validating LLM outputs, handling rate limits, and not over-trusting AI-generated code.

Education

- **Lviv Commercial Academy** 2012
Master's Degree in Commodity Science and Customs Expertise
- **Rivne College of Economics, Humanities and Engineering** 2007
Associate Degree in Software Engineering
- **TAFE NSW** in progress
Information Technology (Web Development)

Technical Courses

- **Front End Developer Bootcamp** 2022
GoIt Global
HTML, CSS, JavaScript, React, Redux, async programming. 4 solo + 2 team projects.
- **Back End Developer Bootcamp** 2023
GoIt Global
Node.js, TypeScript, Express.js, WebSocket, database management, deployment.

References

Available upon request.