

Andrii Furmanets

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Profile

Full-stack developer with a frontend superpower, dominating fintech and web3 with React, TypeScript, and Next.js. I build high-performance, user-first apps—think trading platforms, blockchain DAOs, and workflow tools—that blend security, scalability, and seamless UX. Backend chops in Ruby on Rails and a knack for leading projects from concept to production make me a go-to for innovative digital solutions. Passionate about pushing tech boundaries to deliver jaw-dropping results.

Experience

FolioFlux:

Founder | Sep 2024 - present

- Designed and developed FolioFlux, an AI-powered crypto portfolio tracking platform
- Built the entire application from concept to implementation as the sole developer
- Created the UI/UX design, front-end and back-end architecture
- Implemented AI-driven analytics features for portfolio optimization
- Developed real-time data integration with cryptocurrency exchanges and market data providers
- Tech: React, TypeScript, Next.js, GraphQL, Ruby on Rails

Website: <https://www.folioflux.com/>

GitHub: <https://github.com/afurm/porfolio-traker>

LinkedIn: <https://www.linkedin.com/company/folioflux>

Intellias: Cloud Data Warehouse Implementation

Frontend Developer | Aug 2024 – present

- Architecture & Setup: Established the project from scratch using an Nx monorepo, ensuring a modular and maintainable codebase.

- Technologies: Built with React and TypeScript for a robust, high-performance front end and leveraged GraphQL for efficient data querying.
- Key Contributions: Designed reusable components, optimized build processes, and integrated modern development practices to streamline collaboration and accelerate development.
- Tech: React, Typescript, GraphQL, Nx Monorepo

Near Blockchain

Frontend Developer | Jan 2024 – Aug 2024

- Built slick React components on NEAR's Blockchain OS, powering decentralized apps with top-tier security and UX.
- Led Grassroot DAO pages (near.org/ndcdev.near/widget/daos.App), delivering report/proposal features for real-time governance.
- Tech: React, TypeScript, Blockchain (NEAR BOS)

Intellias: Fintech Project

Frontend Developer | Nov 2021 – Dec 2023

- Owned end-to-end development of a Next.js-powered fintech site, driving seamless equity and bond trading for users.
- Partnered with designers to craft intuitive UI, cutting user onboarding time by 25%.
- Managed production rollouts, ensuring zero-downtime updates under tight deadlines.
- Tech: React, TypeScript, Next.js, GraphQL, Contentful

Intellias: Fintech Project (Banking Platform)

Frontend Developer | Mar 2021 – Nov 2021

- Revamped trading views for an online banking giant, enhancing real-time financial tools with React and Redux.
- Tech: React, TypeScript, Redux, CSS

CyberCraft: Career Management Startup

Frontend Developer | Aug 2020 – Mar 2021

- Launched UI for a startup shaking up executive career paths, using React and Ant Design—solo Ukrainian on the team!
- Tech: React, TypeScript, Ant Design, React Hook Form, React Query

CyberCraft: Continuous Integration Tool

Full-Stack Developer | Jan 2015 – Aug 2020

- Transformed static pages into dynamic Backbone.js interfaces, slashing test wait times by 10-50x.
- Redesigned report views with Vue, adding lifecycle steps for real-time build insights.
- Integrated Okta for SAML auth and user provisioning, leveling up security.
- Upgraded Rails 3 to 4, keeping the engine humming.
- Tech: Ruby, Rails, Backbone.js, Vue, WebSockets, Okta, PostgreSQL, RSpec, Cucumber

SoftServe: Reports Render Engine

Backend Developer | Dec 2012 – Jan 2015

- Crafted a Ruby DSL for healthcare report rendering, turning raw data into actionable charts and tables.
 - Tech: Ruby, Rails, RSpec, Cucumber
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Education

Master's Degree in System Programming

Lviv Polytechnic National University | Faculty of Computer Engineering

Skills

- **Frontend:** React, TypeScript, Next.js, Redux, Vue, Backbone.js, CSS, Ant Design
- **Backend:** Ruby on Rails, GraphQL, REST APIs, Background Jobs
- **Other:** PostgreSQL, WebSockets, Okta, Blockchain (NEAR), RSpec, Cucumber, Jasmine
- **Languages:** English (Upper Intermediate), Ukrainian (Native)