

CV

Serafim Bazyk

Fullstack Developer & AI Engineer & Smart Contracts Engineer (Node.js, Go, AI, Tact, solidity)

Skills

- **Backend:** Go, PostgreSQL, Redis, Gin, Fiber, Django, FastAPI
 - **Frontend:** Next.js, Nest.js, TypeScript, React.js
 - **AI & ML:** Keras, Hugging Face
 - **DevOps:** Docker, Linux, Nginx
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Work Experience

Fullstack Developer | *Startup: Game*

Period: March 2024 – November 2024

- Developed a gaming platform with HLS streaming of real tracks and an integrated graphical interface.
 - Implemented synchronization between streaming and the game interface using Go, Nest.js, Next.js, and Python.
 - Optimized Redis by introducing a data synchronization system with PostgreSQL, ensuring stable user connections.
 - Applied AI for real-time data analysis, enhancing the user experience.
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Backend & AI Developer | *PlanL.ink (Event Planning Startup)*

Period: 1 year

- Designed and implemented microservices using Go Fiber, improving the flexibility and scalability of backend architecture.
- Developed a recommendation system for events, increasing user engagement.

- Contributed to the development of 30% of the backend, focusing on scalability and data processing optimization.
- Worked with PostgreSQL, Redis, and Keras to deliver a fast and accurate event-matching system.

Fullstack Developer | *Telegram Bot (mini-app) for Marketplaces*

Period: 6 months

- Implemented an authentication system for OZON using React, TypeScript, Puppeteer, and Socket.IO.
- Bypassed OZON's automation protection by emulating Android parameters.
- Ensured stable data transfer between the Telegram bot, parser, and backend.

Fullstack Developer | *Telegram Mini App - Game*

Period: 2 months

- *Goal:* Create an engaging mini-game for Telegram platform with daily quests and progression system.
- *Technologies:* Go, React.js, TypeScript, PostgreSQL.
- *Features:* Daily missions system, user progression tracking, leaderboards, and social interaction elements.
- *Result:* Successfully developed and deployed a mini-game with active daily user engagement and retention.

Backend Developer | *DEX on TON Blockchain*

Period: 2 months

- *Goal:* Develop a decentralized exchange as a Telegram Mini App on TON blockchain.
- *Technologies:* TON SDK, Node.js, TypeScript, Smart Contracts.
- *Features:* Token swaps, liquidity pools, wallet integration, and real-time price tracking.

- *Result:* Successfully launched a functional DEX with secure trading capabilities and user-friendly interface.
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Key Achievements

- **Recommendation System:** Developed a high-accuracy recommendation algorithm for an event platform, improving user engagement and event conversion rates.
 - **Gaming Platform:** Built a robust streaming and real-time data analysis system, ensuring seamless synchronization between the interface and HLS streams.
 - **Microservice Architecture:** Optimized the backend for PlanL.ink by implementing scalable and flexible microservices using Go Fiber.
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Notable Projects

Telegram Bot Authorization for Marketplaces

- *Goal:* Create a stable authorization system for OZON.
- *Technologies:* React, TypeScript, Puppeteer, Socket.IO.
- *Result:* Achieved stable authentication and access to marketplace data.

Game with HLS Streaming

- *Goal:* Develop a gaming platform with synchronized streaming and a user-friendly interface.
- *Technologies:* Nest.js, Go, Next.js, Redis.
- *Result:* Delivered a stable gaming platform with reliable user connections

DEX on TON Blockchain

- *Goal:* Create a decentralized exchange platform for TON ecosystem.
 - *Technologies:* TON SDK, Node.js, Smart Contracts, TypeScript.
 - *Result:* Successfully implemented secure trading features and liquidity pools.
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