ANDREI MARTYNENKO

JUNIOR SOFTWARE DEVELOPER

CONTACT

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SKILLS

Programming Languages: Golang, JavaScript, Python

Web Development: HTML5, CSS3, React, Node.js, Express.js

Database: SQL (SQLite)

Version Control: GitHub

Problem Solving: Strong foundation in data structures, algorithms, and optimal coding practices

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EDUCATION

Full Stack Developer

01Founders

2022 - Present

MSc - Banking & Finance

Kingston Univerity London

2020-2022 (First Class Recieved)

Dissertation: *A Generalised Model of Option Pricing valuation for complete and incomplete markets. (All calculations are performed with Python Programming language.)*

LANGUAGES

English

Russian

Ukranian

PROFILE

Highly motivated and self-taught software developer with a relentless passion for coding across a diverse range of programming languages and cutting-edge technologies. Possessing a robust problem-solving acumen, I am on the lookout for a challenging role that enables me to leverage and further cultivate my skills and creativity in software development. Excited to contribute my expertise to a dynamic and innovative team.

PROJECTS

Real-Time Forum

- Real-Time Forum with Golang, JavaScript, HTML, CSS, SQLite, Websockets (Single Page Application)*
- Spearheaded the end-to-end development of a dynamic real-time forum platform, utilizing Golang for server-side logic and WebSockets for instant communication.
- Constructed an engaging single-page application (SPA) interface using HTML5, CSS3, and JavaScript, ensuring seamless user experiences.
- Designed and implemented a SQLite database schema to manage user profiles, forum threads, and real-time updates, enhancing data integrity and retrieval efficiency.
- Seamlessly integrated user authentication and authorization mechanisms to ensure secure access to forum features.

Arkanoid Game Development Project

- Designed and implemented a single-player game inspired by Arkanoid (Brick Breaker) using plain JavaScript, DOM, and HTML.
- Ensured the game runs at a consistent 60 FPS by optimizing rendering performance.
- Implemented a pause menu with continue and restart options, along with a score board displaying key metrics.
- Achieved smooth controls and animations for a seamless gaming experience. - Technologies Used: JavaScript, DOM, HTML, Performance Tools

You Tube Clone with API Integration

- Developed a YouTube-like video-sharing platform with React for the frontend and Node.js for the backend.
- Integrated the YouTube API to fetch and display trending videos, user-generated content, and dynamic video details.
- Created a seamless user experience with features such as video playback, comments, likes, and subscription functionality.
- Employed responsive design principles using HTML5 and CSS3 for optimal viewing across devices.