Rūdolfs Bojārs

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Projects

- **A React web application based on WebGL, Three.js, and Python for limited 3D model editing. The processed model is sent through the Fusion360 CAD application to a CNC machine for cutting.**

- **A video player developed in C# with features such as theme switching, subtitle loading & display, and playlist creation.**

- **A C# and PSQL-based hospitality and restaurant information system that includes features like restaurant layout visualization, order management, inventory tracking, and more.**

- **Various static websites using HTML, CSS, JavaScript, and PHP.**

- **Algorithmic trading projects developed in MQL5 (a C++-based language), involving algorithm creation, mathematics, data analysis, and integration with various servers, clients, and APIs for data retrieval and transaction execution.**

- **Various tools written in C# for the ATAS trading platform.**

Technical Skills

- **Programming: C#, JavaScript, React, Three.js, C, Python**

- **Databases: PSQL, Oracle**

- **Testing: Software testing principles, using Atlassian Jira and Scrum**

- **3D Modeling & CNC: Blender, Three.js modeling, G-code generation, Fusion 360**

- **Basic GitHub Knowledge: [GitHub Profile](#)**

- **Operating Systems: Windows (Batch) and Linux (Bash)**

- **Networking Certifications:**

    - **CCNA: Introduction to Networks**

    - **CCNA: Switching, Routing, and Wireless Essentials**

Experience

July 2022 – October 2022

- **Performed trimming work at the company SIA SoftHouse.**

September 2023 – Present

- **Programming in MQL5, providing consultations and performing general IT tasks for the company SIA Hevity.**

- **Currently, in my free time, I am developing a 3D modeling platform for web browsers based on React, Three.js, and Python for them.**

Freelance Work

- **I have developed websites for individuals and various companies.**

Education

2022 – Present

- **Latvia University of Life Sciences and Technologies (LBTU)**

- **Field of Study: Computer Science and Engineering**

February 2024 – June 2024

- **Erasmus+ Program in Hungary: University of Debrecen**

- **Field of Study: Computer Science and Engineering**

2016 – 2022

- **Jelgava State Gymnasium**

Language Skills

- **Latvian (Native)**

- **English (C1)**

About Me

I am a motivated and goal-oriented individual who can quickly acquire new knowledge and adapt to any situation. My systematic and analytical thinking allows me to efficiently solve complex tasks.

I strongly believe that with enough time and resources, I can learn and accomplish anything. I always strive for a deeper understanding and continuous professional growth.

I have worked on various projects, and for the past year and a half, I have been heavily involved in MT5 projects, using MQL5 and Python, writing tens of

thousands of lines of code in MQL5. I am open to new challenges and eager to learn new technologies to expand my knowledge and programming skills.