

# Szabolcs Sápi-Mizera



[Portfolio Site](#) [GitHub](#) [LinkedIn](#)

## Technical skills

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### Game Development

**Unity** – Cinemachine, Unity Animation System, Timeline, ProBuilder, ParticleSystem, TextMesh Pro  
**Misc** – Ableton live, Pro tools, Blender, Professional musician and composer, GitHub

### Web Development

**Languages** – Javascript, Typescript, HTML, CSS, LaTeX  
**Commonly used stack** – React, NextJs, Express, MongoDB, NodeJs, MaterialUI, Tailwind, Motion, Zustand

## Projects

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### Game Development

**Save the sick** [\[link\]](#) – Save The Sick is a RTS resource management game where You have to save the village from a spreading sickness and handle disasters.

**Forest Streamer** [\[link\]](#) – You are a streamer with a tablet in the forest. Chat gives You tasks to finish. Capture animals through your camera, befriend them and set up cameras on them to make Your job easier.

**RPG Prototype** [\[link\]](#) – Classic Diablo style RPG systems with unique abilities and potions. Collect skills, coins and potions. Gain experience and level up. Distribute skill points and finish the local's quests.

**The Machine** [\[link\]](#) – Sci-Fi post apocalyptic game where humanity's only hope is to keep the main core of the "Machine" alive. Collect items to finish tasks and race with time.

**Void Blocks** [\[link\]](#) – Escape the room type puzzle game. You are part of a mysterious experiment and your goal is to escape the facility. While doing so the story unfolds and You realize your secret ability.

**The Island** [\[link\]](#) – Game prototype where the player has to collect items to repair the broken ship. The project was created to plan and create a Minecraft-like inventory system with crafting and item equipping. Enemy behaviour was created using FSM + Behaviour trees.

### Web Development

**Portfolio** [\[link\]](#) – Portfolio site made with React and Tailwind.

**AI Companionship** [\[link\]](#) – AI chat bot companion website using HuggingFace API. Set Your AI companion's personality start chatting with it.

**DnD Npc Database** [\[link\]](#) – DnD Npc Database and fan page for a TTRPG streamer group. The site has a guest and admin mode where You can add, delete and edit characters.

**Recipe Social Media** [\[link\]](#) – Social media site with live chat, recipe posting, comments, likes, saving recipes and following users to see their recipes on Your feed.

**Dine at Mine** [\[link\]](#) – Classic single page restaurant landing page where You can check the menu, choose different locations of the restaurant chain, check their gallery and book a table.

# Soft Skills

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## Spoken Languages

- Hungarian (Fluent)
- English (Native)
- German (In progress)

## Miscellanea

- Collaborative and team-oriented
- Highly self-motivated with a proactive mindset
- Strong analytical and problem-solving skills
- Committed to continuous self-directed learning
- Positive "can-do" attitude and adaptable to challenges
- Experienced professional musician and composer. Music library: [\[link\]](#)

## Education and Continuous Learning

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- 3+ years of programming experience in:
  - Unity-focused Game Development
  - React-focused Web Development
- Hundreds of hours of hands-on project creation experience
- Completed multiple Udemy and YouTube courses
- Regular consultation with a senior developer

## Contact

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