

# Brösztl Máté

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## Skills

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- C# | .NET | JavaScript | TypeScript | Tailwind | MySQL | Node | Express | React | NoSQL | Git
- Unit Testing | OOP | Clean Code
- Frontend | Backend | Full-Stack | English, Hungary – Native Language

## Projects

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### CarePulse: Making Healthcare Easier for Everyone

- I have created a system where **patients** can **easily book appointments** with doctors and **register for the service**. When the doctor **approves** or **cancels** the appointment, the patient **automatically** receives a **text message (SMS notification)** on their phone.
- I used special tools (**modern web technologies**) to build our website that make it **load quickly** and **work smoothly (performance optimization)**, giving users a **better experience (enhanced user experience, UX)** when they visit.
- For the **behind-the-scenes** part of the website (**backend infrastructure, server-side logic**), we picked a system that was new to us. Learning how to use it was challenging, but it helped us manage the website better and more efficiently (**improved scalability and maintainability**).
- To make the website **look good** and **work well** on all devices (like phones and computers), I used special design tools (**UI/UX design tools**). These helped me create a **modern-looking** website that's easy on the eyes (**user-friendly interface**) and adapts to different screen sizes.

More here: [Github](#)

### Horizon: Modern Banking Platform

- My goal was to help people **manage** their money **simply** and **effectively**. The biggest challenge I faced was **safely** combining information from different bank accounts in one place (**data integration, secure API connections**), allowing users to move money **easily** and see all their financial activities in a single view.
- For building the website, I used advanced tools (**modern tech stack** that **improve loading speed (performance optimization)** and **overall performance (user experience, UX)**). While mastering these tools was challenging, the effort paid off by creating a **smoother experience** for users of my banking platform (**enhanced usability, seamless interactions**).
- I added features that let the platform **securely access** financial information and **transfer money** between accounts. Setting this up was tricky, but I solved the problems by **doing research** and using advanced computer assistance.
- For the **behind-the-scenes** part of the website (**backend architecture**), I used a system I had worked with before (**familiar framework**). Being more familiar with it this time helped me manage the website **better** and **more efficiently**.
- To make the website **look good** and **work well** on all devices (like phones and computers), I used special design tools. These helped me create a **modern-looking** website that's **visually pleasing (aesthetic design)** and adjusts to fit different screen sizes (**cross-device compatibility**).

More here: [Github](#)

## Experience

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### Summer of 2022-2023 | ViVi Happy Food Trier

#### Crew Member

- Prepared food for customers efficiently
- Handled stressful situations during high-volume order periods
- Worked effectively with people from diverse cultural backgrounds

## Education

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### Budapesti Gazdasági Szakképzési Centrum Pestszentlőrinci Technikum 1184 Budapest Hengersor u. 34.,

09/2019 - 06/2024 | (5 years total)

- Software developer and tester
- 4-year secondary technical school + 1 year advanced study
- Completed "Érettségi" (Hungarian Matriculation Exam) with secondary level informatics after 4 years
- Achieved advanced level informatics qualification after the 5th year
- Participated in 2 years of external coding training with a partnering company during my studies.