

Resume

Mihai B I ceanu
str. R zoare no. 158C / 7, Cluj, Flore² ti, România
+40724580416
hello@mihaibalaceanu.com
github.com/gizmObill

Lead Frontend Engineer Consultant, Atruvia

Financial Checkup application

- Led the integration of the financial checkup Angular application into Atruvia's existing online banking platform, focusing on seamless user experience and robust functionality.
- Conducted major refactoring of legacy code, transitioning from a MobX-based component architecture to a more efficient and scalable reactive system using RxJS. This refactor enhanced the application's responsiveness and overall performance.
- Revitalized the app's interactive illustrations, utilizing SVG and advanced mathematical concepts to create dynamic, user-friendly visualizations. This effort not only improved the aesthetic appeal of the app but also made complex financial concepts more accessible and engaging for users.

Lead Frontend Engineer Consultant, NATO

Patient Management Solution for Military Medical Staff

- Refactoring and further implementation of the Angular user interface of a patient management system designed to meet the dynamic needs of military medical staff within the NATO Communications and Information Agency (NCIA). The application underwent rigorous testing by military personnel during a variety of NATO exercises, across multiple alliance nations, validating its robustness and adaptability in diverse operational contexts
- Developed custom-tailored charts and data visualizations as part of the real-time data processing capabilities, providing clear and actionable insights for medical staff and commanders. These visual tools were instrumental in enhancing situational awareness and facilitating strategic decision-making.
- Helped architect a hierarchical user role system, ranging from strategic command users to medical treatment facility personnel, enabling effective and secure collaboration at various levels of operational command. This system was pivotal in managing patients and missions efficiently, with distinct access levels to sensitive data and operational controls.
- The system's impact was significant in enhancing the efficiency, coordination, and responsiveness of NATO's military medical operations, setting a new standard in military healthcare management.

Co-Founder & Head of Frontend Development, Telios Care

Telemedicine platform startup

- Angular platform, structured into multiple applications. enabling effective collaboration between patients, nurses, and doctors for online and phone consultations. This modular approach allowed for flexible deployment, with the capability to launch applications either together or as stand-alone entities, catering to diverse healthcare needs and scenarios.
- Pioneered this modular system at a time before the widespread adoption of tools like NX, demonstrating foresight and innovation in frontend architecture.

- Utilizing the flexible modular system, the Patient module was also integrating with CapacitorJS, enabling its compilation into the native mobile application. This also had the Jitsi module, developed by 8x8, for voice and video conferencing integrated. This integration was critical for providing real-time, reliable communication capabilities between patients and doctors
- Played a crucial role in strategic decision-making and guiding the technological direction of the startup, contributing significantly to Telios Care raising nearly 2 million euros in funding. This achievement not only underscores the platform's potential but also sets a high standard for frontend development in the rapidly evolving telemedicine sector.

For a complete list of my professional experience, skills, education and other information, dating back to 2003, please send me a request at the forementioned email address