

CZECH STARTUP DAY 2023 CATALOGUE OF CZECH COMPANIES



Ministry of Foreign Affairs
of the Czech Republic



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Czech Startups



AQUA-REAKTOR



CzechΣath





DNAi



 wflow



nimbee



 worldee



PalmApp.



 ALARM



 Recombee



 PASS



SKIFI

Aiviro



website: www.aiviro.com

At Aiviro, we help people get rid of boring routine office work. We help companies save up to 35 % of time and costs not only on office work by automating routine activities. We will increase productivity and employees will focus on higher value-added work. We have a unique visual approach to automation using AI. We can easily control applications that others can't handle. Deploying and learning our robot is very simple. Just hand the robot a step-by-step process and he will repeat it right away. Aiviro Robot can be used across all departments. Most often it saves work in the finance and sales department, in the back office or even in production. The main benefits of deploying Aiviro Robot are time and financial savings. Increased productivity and optimization of company processes.



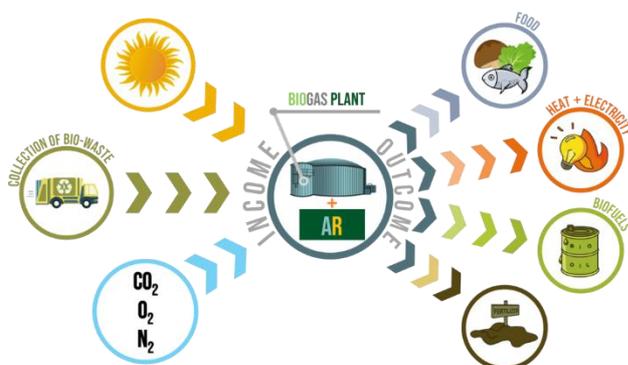
Aqua-Reaktor



website: www.aqua-reaktor.cz

Aqua-Reaktor is an innovative, technological system that combines well-known and less-researched technologies. In layman's terms, it combines biogas station, vertical farming, microorganism and fungus farms, plus fish farming. The concept links these individual technologies into a complete semi-enclosed ecosystem in which the classic not-very-desirable biowaste from towns, parks, farms and family homes could be exploited using a balanced circulation of nutrients. Thanks to it we could produce a wide range of products. These are: biogas, electricity, heat, biofuels and high-quality fertilisers/growing substrates. At the same time, food of bio-quality is obtained without pesticides, such as vegetables, legumes, salads, etc., mushrooms, fish food, fish and organic oils.

AQUA-REAKTOR

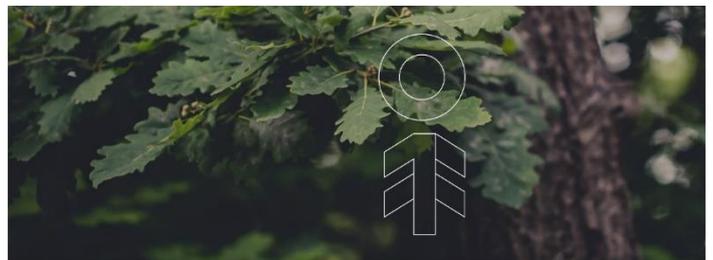


ARBO Technologies



website: www.arbotechologies.com

ARBO Technologies stands at the forefront of the intersection between urban forestry expertise and cutting-edge technologies, reshaping the landscape of data collection for non-forested trees. Our SaaS-based solutions empower arborists to elevate their tree assessments, unlocking deeper insights into each tree's true state. Our mission at ARBO is to utilize innovative technologies in extending the lifespans of trees, maximizing their benefits for current and future generations. Through an integrated approach, we bridge the gap between scientific knowledge and practical application, arming arborists with tools to make informed decisions and champion sustainable urban forestry practices. By harnessing data and technology, we aim to cultivate greener, healthier, and more vibrant urban environments.

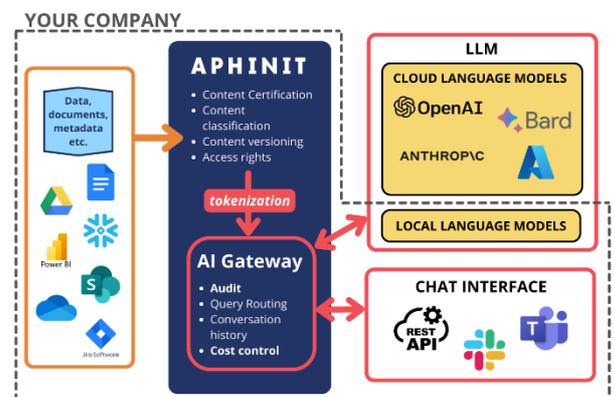


Bit4s s.r.o.



website: www.bits4s.com

Bits4s s.r.o. is a Czech company focusing on cyber security. Our team members have many years of experience in IT and OT security, cloud security and data analytics. We provide proactive security monitoring and defense, security audits and analyses, installation and optimization, consulting, and custom training. We emphasize the combination of cybersecurity, data analytics and knowledge management to deliver better, more effective, and targeted solutions to our customers. Our latest focus lies in the areas of AI and data privacy. We dedicated ourselves to creating and integrating solutions that ensure safe and efficient AI utilization.



City Street Games s. r. o.



website: www.getoutfun.com

City Street Games s.r.o. is a Czech market leading company in the area of entertainment experience programs creation using mobile application. It is a software company that creates a technological environment in which event agencies, teambuilding companies, scavenger games providers, education companies etc. can easily create their own content playable in mobile application. It is settled more than 5 years on Czech market with dominant position on B2C market of scavenger games, expanding with its technological solution to B2B market.



CzechMath



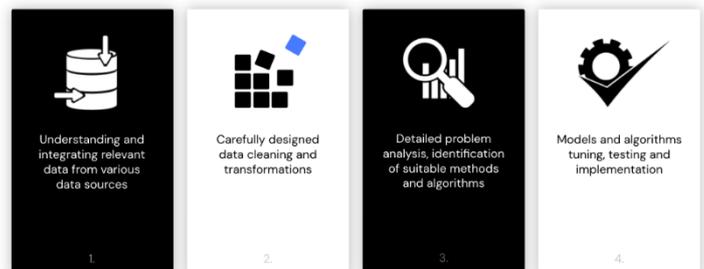
website: czechmath.com

We are a team of 13 experienced mathematicians, data scientists and developers from Brno, Czech Republic. With a wide range of experience, we are ready to offer help to find solutions to complex problems. Although our company has just recently entered the market, we have been working together for several years and so the team is well established and exceptionally efficient. Our main specialization lies in data analysis and machine learning mainly (but definitely not exclusively) in energy domain.

CzechΣath



Our game in 4 moves



DNAi



website: www.dnai.ai

DNAi: The Incubator of Tomorrow's Innovations. Leveraging a Dynamic Ecosystem of Innovation, we offer bespoke solutions across diverse sectors. Powered by the synergy of AI technology and your unique business DNA, we ensure maximum impact and relevance. Our goal is to help your business unlock its full growth potential. Our mission is to design optimal solutions within AI architecture and genuinely assist companies in addressing their challenges, bridging gaps, and enhancing overall impact and growth. We recommend changes based on robust data governance and integrate AI through our products to optimize workload distribution and meet essential requirements.

DNAi

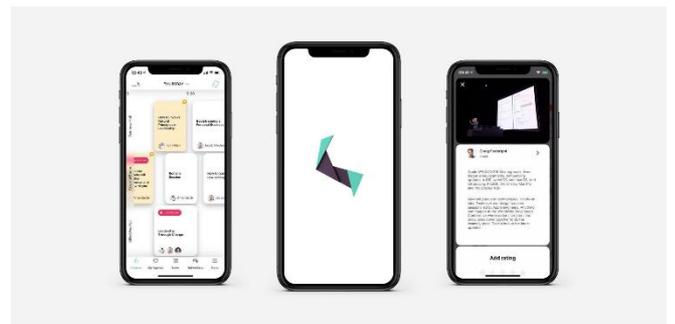


Eventee



website: eventee.co

Eventee is an app that helps event managers boost audience engagement, no matter in-person or hybrid events. We take the stress out of event organization by digitalizing and centralizing the event experience, eliminating the need for spreadsheets and reliance on printed materials. As a self-service solution, the app is easy to use and loved even by first-time users. Our team of enthusiasts founded Eventee as a side project in 2015. Driven by the vision to disrupt the event management software market and positive customer feedback, we took a leap in 2019 to fully commit ourselves to its development. Today, we are growing 300% YoY, and we are just getting started. With 50% of customers from the USA, we have a worldwide community of users, among whom you can spot renowned names such as TomTom, Oxford, Stanford, and Forbes.



GreenTech



website: green.tech

We are a leading Czech developer and manufacturer of hydroponic systems that provide innovative solutions for sustainable agriculture. Our two main products are GreenBox, a hydroponic container farm that can be constructed anywhere, and Urbanio, a modular hydroponic system. With **GreenBox**, farmers can grow pesticide-free and local vegetables all year round, regardless of climatic conditions. This makes them ideal for urban areas where traditional agriculture may not be feasible due to space or climate constraints. The system is eco-friendly and energy-efficient, helping to reduce the environmental impact of agriculture. **Urbanio** allows for indoor cultivation of a variety of plants, including vegetables, herbs, and ornamental plants, regardless of the external environment. This modular system is perfect for indoor cultivation in restaurants, hotels, and offices.

greentech



Invanta



website: www.invanta.net

We have developed AI powered industrial safety system able to recognize dangerous situations and trigger immediate action (e.g. stop machine). Our system differentiates between the human/parts of the human body and processed material or other equipment.

Solution includes, but is not limited to the following scenarios:

Robotic Safety - Safety functions control while human proximity detected

High Voltage Testing - HV workplace protection against unauthorized access during the test

Emergency Stop - Machinery emergency stop to prevent injuries or fatalities

Face Authorization - Machinery operator authorization based on face recognition

Faint Detection - Ability to detect fainting and other unusual situation in factories

PPE - Personal Protective Equipment compliance detection

invanta.



JALUD Embedded



website: soundeventdetector.eu



Our company has developed the so-called Sound Event Detector (SED), which is a solution for saving lives and protecting property. It works on the principle of detecting sounds signalling danger and informs in real time about their occurrence. These events can be a gunshot, screaming, broken glass or high noise levels in the city.



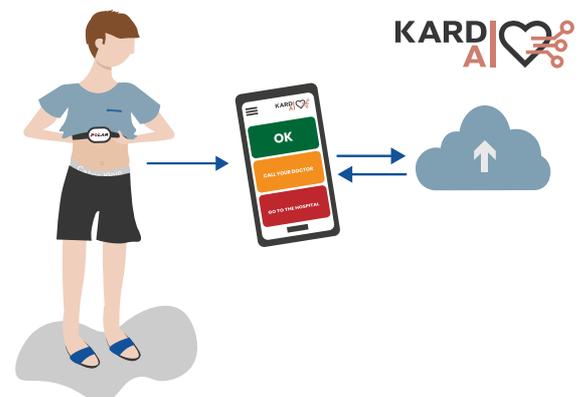
Kardi AI



website: www.kardi-ai.com



KARDI AI aims to provide patients peace of mind while reducing demand for doctor's time. Cardiac arrhythmias are a serious medical and socioeconomical problem. Current solutions for ECG recordings and screening of different types of arrhythmias are limited. Vulnerable patients miss an affordable device that provides medical analysis precision and can be used anytime, anywhere, especially during the time when problems occur. We use an affordable ergonomic chest strap, that sends a continuous ECG stream to the cloud via the mobile app, where it is stored. Each heart beat is analysed by the AI, which on the one hand shows the patient confirmation of good health and or alerts via a traffic light in the app, and on the other hand provides cardiologists intuitive dashboard on the web interface to make qualified diagnosis with minimal time. The vision is to make long term ECG recording and monitoring accessible to everyone, support timely detection of cardiac arrhythmias and thus decrease number of hospitalizations and deaths.



Neuron Soundware



website: www.neuronsw.com

Neuron soundware has developed technology based on sound analysis and artificial intelligence to monitor and control machines. This can be applied to a significant range of machines, from power-generating equipment, large mine trucks, and transport systems to CNC machines, robots, welding, and 3D printing machines. We can monitor and control either a single piece of equipment or an entire fleet or production line. By combining sound analysis with artificial intelligence in the monitoring and control of machinery, we are able to perform the highest and most accurate level of control of machines - as reflected in our many international awards. The benefits to the end user are significant, including very precise process and quality control, safety & compliance, energy saving, and predictive and prescriptive maintenance, amongst others, increasing productivity and reducing downtime and the scrap rates normally associated with manufacturing operations.



Nimbee



website: nimbee.me

Smart power delivery which keeps your EVs charged wherever you park, wherever you are going. Nimbee isn't an idea. It's a full-stack solution ready for real-world testing & deployment. Our machine learning hive-mind predicts not just when fleet drivers and consumers will need power, but where they'll be when they need it — and flexibly adapts its direction to all Nimbees in the field for optimized delivery in real-time. The result is a fully customizable charging-as-a-service solution that keeps their EVs topped up like magic and takes charging off their mind.



PalmApp



website: www.palmapp.com

PalmApp – Your Comprehensive Salary Wallet with Micro-Investment Capabilities for Wealthier Future. PalmApp is here to make managing your money simpler and smarter. Get instant access to your earnings and enjoy the advantages of using a Mastercard payment card that gives you a 2% cashback benefit. Moreover, PalmApp facilitates micro-investments, paving a path towards a more financially robust future.

Alongside these benefits, you'll have access to expert financial advice and support from EWA, our AI virtual assistant. EWA can even connect with your company's HR data, helping you find information quickly and easily. And the best part? You can have PalmApp up and running in just 24 hours, thanks to our super fast integration process.



Recombee



website: www.recombee.com

Recombee is the most sophisticated AI-powered recommender engine for digital products and content-rich sites. Our goal is to provide the ultimate personalized user experience through cutting-edge research and use case customizability.

To secure loyalty and drive uplifts in engagement, user satisfaction, and revenue growth, companies need to personalize their UX in real time. Recombee's state-of-the-art technology unlocks the true potential of personalized content and product delivery and captivates users from their very first click.



Recombee



SkiFi by Technologies for Freeride



website: www.skifi.tech

We are all surrounded by smart technology that makes our lives significantly easier without even realising it. Isn't it surprising that almost none of this has made it into the world of freeskiing and skitouring yet? We have to face more challenges in the mountains, especially during winter, than in the environment we usually live in. Did you know that current avalanche transceivers work on 60-year-old technology? Our Locator **FIND** working with Angel of Arrival (AoA) technology is incomparably more accurate, faster and has more than 2 times the range. Our AoA technology that locates people and objects hidden under snow has been patented. We are starting to sell **SkiFi** this winter season. SkiFi will help people to develop their uphill and downhill skiing techniques. SkiFi sensors also solve the problem of theft and loss in powder.

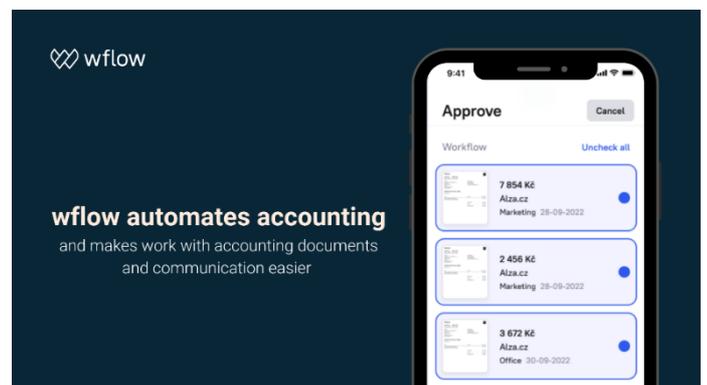


wflow.com



website www.wflow.com

wflow.com is an accounting automation SaaS plug-in to ERP. Thanks to pre-setup integrations, ML and simple UI we deliver great customer experience, where ERPs are suffering. Our solution streamlines work with the administration and allows you to focus on a qualified agenda, not only for accountants, managers and business owners, but also for all other employees who come into contact with accounting documents. wflow.com sets a new standard for cooperation between two different worlds and through automation it brings improved communication and increased control over costs in companies.



Worldee



website: www.worldee.com

Worldee is a travel marketplace and platform, where users can share and store their trips and sell and buy tours. At Worldee, we believe that everyone should be able to explore the world with ease. We make authentic travel accessible to everyone. Our goal is to create the world's largest database of quality itineraries, created by travelers for travelers.



XALARM



website: www.xalarm.cz

The XALARM mobile application provides users with security in situations where they are dependent on themselves, e.g., during individual work, sports, entertainment, living alone, etc. The "self-checking" algorithm regularly prompts the user during a selected timeframe and interval to verify they are OK. If a user does not verify their safety, the application will prompt a preselected contact or service to check on and help the user. Importantly, a user who, due to sudden indisposition (injury, unconsciousness, being restrained, etc.), cannot use their mobile phone can still contact help. Currently, it is an ideal way to provide safety for work-from-home employees. Association of Social Responsibility (largest sustainability and ESG initiative in Czechia), fulfills the Sustainable Development Goals - UN. CE ISO/IEC 27001:2022, registered trademark "xalarm". The CEO is a member of the Business Friends network.



XPASS



website: www.xpass.eu

Project XPASS innovatively tackles the issues of sexual violence through a mobile application. The unique cooperation between its components (education, endowment fund, and the business model of Xpass s.r.o.) ensures a comprehensive solution. In an entertaining way, the application breaks down myths and prejudices, spreads education and legal awareness, and supports romantic relationships and healthy habits. The application facilitates a safe environment for online and in-person dating. Protection from sexual violence is provided through awareness, education, and quick help and support for victims or the falsely accused. Focusing on urgent and concurrent topics, the business model of the application has a positive global impact on society. Association of Social Responsibility (largest sustainability and ESG initiative in Czechia), fulfills the Sustainable Development Goals - UN. CE ISO/IEC 27001:2022, registered trademark "xpass". The CEO is a member of the Business Friends network.



CzechTrade



website: www.czechtradeoffices.com



CzechTrade is a government trade promotion agency of the Czech Republic with over 50 offices operating worldwide, aimed at developing international trade and mutual cooperation between Czech and foreign entities. CzechTrade is the perfect gateway to connect Czech and Worldwide business across various manufacturing sectors. Its core expertise is within the supply chain where it champions tailored Czech partner searches. CzechTrade is also an official contact partner for companies looking for qualified Czech-based suppliers of products, providing services:



Full information services | Location of Czech suppliers | Information about doing business in the Czech Republic | Introduction to proven Czech suppliers | Presentation of Czech companies at foreign trade shows | Establishing B2B meetings | Finding suitable business partners | Assistance with local outsourcing





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