

# THE ARTIST INTELLIGENCE can be set it up MACEDONIA HIGH On CBEтcKата TECHNOLOGICAL maPa.

Dr. GORAN STOJANOVSKI

»**THE NEW TECHNOLOGIES  
LEVEL THE FIELD FOR  
MATCH BETWEEN THE COUNTRIES WITH  
DIFFERENT LEVEL OF DEVELOPMENT.  
*Elevate Global SHOULDERS TO SHOULDERS*  
WITH THE TOP WORLD COMPANIES  
WHICH WORK ON ANALYSIS OF  
DATA TRANSFERS.**

We are witnessing the development of new technologies and thus the democratization of knowledge. This one process allows companies from countries that do not are traditional technology leaders to be competitive with companies from the most developed countries in the field of digital solutions. There, the latest trend that exists worldwide is the application of artificial intelligence for advancing industry processes and everyday life, so we are witnessing many startups in this sector. If

we focus only on the technological part development, unlike heavy industries, in areas of artificial intelligence and machine learning, the development of new ideas does not depend much on locally available infrastructure, but of technical quality

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25

of engineers involved in development. The Internet is the only condition for access to the relevant information on industry problems, the necessary prior knowledge, but also for access to the computer resources that enable solving small and medium-sized problems.

In recent years, the Macedonian engineering community accepts this trend and successfully competes on the world stage of artificial intelligence. About the popularity of this area speaks the fact that the most desirable technology for learning IT engineers from Macedonia (according to research on mapping of the IT industry in MK 2019) is python. At the same time, Data Science Macedonia Meetup, has grown into the largest informal IT engineers support group in Macedonia with about 700 members. That speaks for itself that the local community is aware of and prepared for the challenges that follow in the IT industry.

*Elevate Global* is an example of a company that uses world trends to set

new standards for product development from Macedonia intended for the world market. We are focused on predictive modeling and artificial intelligence in the energy sector, factories and large production systems, where these technologies are not yet widespread used, and there is great potential for that.

From Macedonia we have the opportunity to be well we position ourselves in this area because locally, there are developed industrial facilities, who use new technologies, there are small initial costs for establishment and piloting with private company as well as fast communication with European market.

Our solutions help companies in the energy sector to automate the collection process, cleaning, preprocessing and unification of data, enhancement and automation

of data flow, improvement of prediction models using company data, data from external sources and characteristics in the energy field. In the period that follows, the energy sector it is facing a phase of complete digitalization of processes, and the application of detailed analysis of data. Using our solutions, customers can analyze their data and make forecasts in order to translate the knowledge hidden in the private and publicly available data in financial profit for their company.

BAT is a platform for analysis of data that with the help of innovative concept, reduces acceptance time and using advanced tools in energy companies, and at the same time it

*Elevate Global*

is a company which applies artificial intelligence , machine learning and expert knowledge, for development of solutions for automation and digitalization in energy industry and production facilities.

During the GIST training for Central and Eastern European countries

26

increases their profits. Currently, BAT is installed and works with our partners: EVN Macedonia and Iskratel from Slovenia. With the help of BAT these companies anticipate it consumption but also production of electricity to their customers, and this use the information to optimize their resources.

The second product that *Elevate Global* is developing is ASAP - an automated building solution

models based on data flows (large amount of data coming with high speed). ASAP analyzes the available ones data to help the big ones industrial facilities to anticipate it the working condition of their equipment and yes prevent potential outbursts and incidents in production. This reduces the need time to take action in case of a problem or plant downtime; the time is reduced failure of supervised equipment; and everything receive practical advice on the current condition of equipment and recommendations for augmentation of maintenance efficiency.

The only prerequisite for being able to we develop such ideas in the region is the existence of a good team. And perhaps the biggest flaw is that we expect a good team to come together by experienced professionals, rather than strategically and work patiently on building it.

Together with Gjorgji Madzarov, we set up a culture of Learning at *Elevate Global*, where besides work responsibilities, personal professional upgrade is part of everyday life. In *Elevate Global*, we stimulate our colleagues to continue education and actively we dedicate part of our time to personal cooperation and counseling with each of the employees. This concept enables fast and successful integration of new employees in *Elevate Global* and significantly increases competitiveness of the company.

The drunken team is credited for being over last year, when we started actively presentation of our solution - ASAP, investors and companies have recognized it our vision, as evidenced by the international Recognitions for innovation:

ASAP - winner of the national Betapitch competition for startups in Skopje, Macedonia (in October, 2018).

The highest award of Betapitch Global Investors Day in Berlin, Germany (in November 2018)

Promotion as part of 30 most innovative startups from Central and Eastern Europe from the Technical Tech-Tour investment community (April, 2019)

Winners of GIST training for countries from Central and Eastern Europe (May 2019)

Careful  
building  
of the team  
is crucial  
for inter-  
national  
success!

Part of the team of  
*Elevate Global* on  
the international  
Betapitch match  
Global Investors Day  
PRESS **ING**  
27

Elevate Global LLC is currently part of from the Accelerator Program of Business the UKIM accelerator where we are in the final initial investment negotiation phase. The funds raised will be used for completion of ASAP development and development new markets in the region and in Europe. Part of the award that our team won at the Startup Competition in Central and Eastern Europe - GIST is organized support for business development and networking with companies operating in the energy sector in United States of America. Although our focus is on European and world market, we are positively surprised by the receipt which we have in the local industry. Here, companies are very interested in the ability to monitor processes with with the help of data-based models. The most attractive feature of ours software is the ability to intelligently maintenance of equipment in industrial capacities, timely reaction to anomalies and potential outages at work in production processes. In any industry this is a great advantage over of competition and companies are aware for potential. At the moment, we are talking with several local companies having large production facilities for installation of our software that should enable simple and accurate recording the maintenance of their equipment, but also predictive prevention of potential incidents in everyday work.

With the fourth industrial revolution and the possibility of collection and processing on Big Data, the intelligent maintenance out of desire passes into profitable reality in which they all are winners.

ASAP presentation during the Tech-Tour in Sofia.



**Dr. Goran Stojanovski** , Chief Executive Officer of *Elevejt Global* ,

experienced professional in the field of predictive modeling.

He is currently responsible for developing and opening new markets for *Elevate Global* . Goran has a doctorate from the University "Ss. Cyril and Methodius "in Skopje in the field of predictive modeling and post-doctoral studies at the Technical University of Dortmund, Germany in the field of complex optimization and network balancing.

After completing his academic career, he focuses on development of Business and Entrepreneurship and was selected as a Professional Fellow of Northwestern University in Chicago, USA.