

facewww.linkedin.com/in/marko-bjelotomic
Marko.Bjelotomic@gmail.com
+971 54 303 888 3
www.bjelotomic.com

Marko Bjelotomic
Technology and Innovation Leader

With over two decades of experience in mechatronics engineering, I have evolved from a curious child fascinated by the inner workings of toys into a seasoned industry leader, managing cutting edge projects across multiple industries. Journey began with an early passion for robotics, which was nurtured through hands-on experience and academic achievement. This path led me from foundational roles in customer service and engineering to strategic positions in research and development, project management, and leadership. My career is characterized by a proven track record of spearheading complex projects, guiding multidisciplinary teams to success, and delivering innovative solutions on time and within budget. My expertise spans the full project lifecycle, from conception through to execution and commercialization, with a particular emphasis on rapid prototyping, digital manufacturing technologies, and autonomous robotics. Recognized for my collaborative leadership style, I excel in networking, developing soft skills, and fostering a culture of empathy and effective communication within my teams.

Professional Experience:

Dubai Water and Electricity Authority (DEWA), UAE Senior Robotics Researcher | Jun 2020 – Present

- **Directed** the development and commercialization of autonomous ground and aerial vehicles robotic system for solar energy applications, showcasing my project management acumen and technical expertise.
- **Led** a team in the invention of cutting-edge technologies, including an advanced aerial solar tracking system and a unique sand immobilization avoidance method, contributing significantly to the field of robotics.
- **Pioneered** innovative solutions, such as a computer vision algorithm for atmospheric measurement, emphasizing my role in leading high-stakes, research-driven projects to successful outcomes.
- **Achieved** recognition as “Best Collaborator” and for leading the “Most Provocative Team,” evidencing my ability to inspire, manage, and drive teams toward excellence in innovation.
- **Invented** solution for solar panel transportation, successfully patented.

D2M Solutions (Accordia Group of Companies), Dubai, UAE Head of R&D | Feb 2017 - Jun 2020

- **Orchestrated** the growth of a startup to a profitable exit by leveraging a deep understanding of client needs, leading to the generation of over \$5 million in profit and subsequent sale for \$20 million.
- **Unified** engineers across multiple companies under a singular vision, demonstrating my capacity to lead diverse teams through complex, industry-focused R&D challenges.

- **Cultivated** a culture of continuous learning and innovation, leading to the development of highly differentiated products that redefined manufacturing processes and set new industry standards.

King Abdulaziz City for Science and Technology, KSA *R&D Engineer Consultant | 2017 - May 2019*

- **Empowered** teams with knowledge and skills in advanced manufacturing and Industry 4.0 technologies, showcasing my ability to lead through expertise and transformative education.

Zeltiq Medical Aesthetics, EMEA *Technical Support MENA Lead Engineer | 2015 – 2017*

- **Managed** team dynamics, from hiring to training, ensuring the successful deployment and maintenance of medical systems across the MENA region, highlighting my leadership in technical and operational excellence.

TebraBot, Belgrade, Serbia *Mechatronic Engineer, Presales, Aftersales, Partner | 2007 – Freelance*

- **Led** the development of several pioneering mechatronic products, including the first 3D printer developed in Serbia, showcasing my innovative spirit and project management skills from concept to market.

Awards & Recognitions:

- DEWA Individual Award - “Best Collaborator 2020-2021”
- DEWA Certificate of Excellence - “Most Provocative Team 2020-2021”

Education & Certifications:

- Bachelor’s degree with honours, Faculty of Technical Sciences, University of Pristina
- Comprehensive certifications in Ai, programming, robotics, Multi-physics simulations, NX CAD, Digital and Additive Manufacturing, and more, reflecting a lifelong commitment to learning and professional development.

Interests: An avid skydiver and chess enthusiast, I am deeply committed to ecological conservation and the advancement of automated hydroponics and mycology farming.

References:

Dr. Sguris Sguridis, Director of Research Programs – DEWA, Dubai, UAE,

sgouris.sgouridis@dewa.gov.ae

Dr. Gerhard Mathiak, Principal Researcher PV Reliability and Performance – DEWA, Dubai, UAE,

gmthiak@googlemail.com

Ronan Donegan, Managing Director – D2M Solutions, Dubai, UAE. Current Managing Director – Additive Adoption

ronan@additiveadoption.com

Jimmy Nicolaides, Technical Director – D2M Solutions, Dubai, UAE. Current Co-founder – Swapplannet

nicolaidesjimmy@gmail.com