



Victor Azamfirei Ionita

Dr. Victor Azamfirei Ionita is a passionate engineer and researcher specializing in quality management for manufacturing systems. He currently works as a Business Developer at CATEC (Advanced Center for Aerospace Technologies) in Sevilla, Spain, and as a Postdoctoral Researcher at the University of Aveiro, focusing on Zero-Defect Manufacturing. In parallel, he serves as the Vice-Chair for the Zero-Defect Manufacturing standardization group at CEN/CENELEC for the European Union.

Previously, he held a postdoctoral position at Politecnico di Milano, Italy, and worked as a lecturer and research associate at Mälardalen University, Sweden, where he completed his PhD. His doctoral thesis, titled “Robotic In-Line Quality Inspection Systems for Zero-Defect Manufacturing: Requirements and Challenges,” focused on the integration of sensor technology with industrial robotics to detect defects at the source, ensuring that only flawless products leave the manufacturing system. This research covered areas such as the “quality management trilogy (plan, control, improve),” “automation applications,” and “sustainability.”

Victor holds a BSc in Product Design (Mechanical) Engineering from the University of Málaga, Spain, and an MSc in Industrial Systems from the University of Skövde, Sweden.