



EMAIL: [COMPUTER.VISION1@OUTLOOK.COM](mailto:COMPUTER.VISION1@OUTLOOK.COM)  
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# MAXIM GUSEV

## TECHNICAL PROJECT MANAGER

### EDUCATION:

#### MASTER OF ENG. IN AUTONOMOUS & CONNECTED VEHICLES

Atlantic Technological University, Sligo / 2022 -2024

#### BACHELOR OF ENG. IN AUTOMOTIVE

Vladimir State University, Russia / 2008 - 2013

### HARD SKILLS:

- Project Management (Agile, Waterfall, Hybrid);
- Programming: Python / C++, MatLab, Linux;
- Computer Vision: OpenCV, CUDA;
- Machine Learning: sklearn, pandas, NumPy, Matplotlib, Keras, TensorFlow;
- Simulation (Simulink, IPG Carmaker, Gazebo);
- IATF tools (APQP, FMEA, SPC, MSA, PPAP);
- Linear Algebra & Multi-view CV geometry;
- Sensor Fusion (Radar, LiDAR & camera);
- Robot Development (ROS / ROS2);
- AV & ADAS architecture;

### CERTIFICATIONS:

#### CERTIFIED PMP BY PMI, SINCE 2020

Project Management Professional, Project Management Institute (U.S.A.)

#### CERTIFIED PFMP BY PMI, SINCE 2022

Portfolio Management Professional, Project Management Institute (U.S.A.)

### REFERENCES:

- Sean Mullery, PhD  
ATU Sligo Lecturer  
+353 719305645 / [sean.mullery@atu.ie](mailto:sean.mullery@atu.ie)
- John Popel  
Member of USA Forbes Council  
+230 58556345 / [jp@benchacks.com](mailto:jp@benchacks.com)

### PROFILE

International Engineering Project and Portfolio Manager with realized projects in CIS, EU, MENA, and Central Asia regions with +10 years of experience in project management and 4+ years in autonomous vehicle/robotics development. Irish master's degree in Electronic Engineering for Autonomous and Connected Vehicles and experience allow me to bring together interdisciplinary concepts such as computer vision, machine learning, vehicle dynamics and advanced sensor systems. It allows leading the project with a profound understanding of the project field.

## WORK EXPERIENCE

### ● CHIEF PROJECT OFFICER

UST INC. / SEP 2019 – PRESENT

Project: Development of the ICS for autonomous LRT (software)

- Slashed of prime cost (-7% for vehicle / -14% for system);
- Supervised TÜV certification of the first complex in the UAE;
- Sharpened localization to 0.02 m by landmark detection;
- Validated functional safety requirements with RTA (Dubai Ministry of Transport);

Portfolio: Transfer from R&D to a Commercial Company

- Compiled five products from 100+ semi-ready subsystems;
- Restarted of the cost estimation process based on statistics;
- Certificated the product based on EN50126 and ASCE21;
- Restructured a commercial department & contract strategy;
- Headed EPMO (Enterprise Project Management Office);

Achievements:

- Completed project in the UAE (\$10M, CPI=0.97, SPI=1.01);
- Completed project in BLR (\$3M, CPI=1.05, SPI = 1.11);
- Signed two contacts in the Middle East;
- Signed two contracts in South Asia;
- Signed contract in Central Africa;
- Signed contract in the UAE;
- Signed contract in Russia;

## LANGUAGES:

English   
Russian   
German 

## RECOMMENDATIONS:

“One of the best engineering project management executives I've worked with” — member of USA Forbes Business Development Council / John Popel

“The most promising and young C-level manager for solving the company strategic challenges” — Chairman of the Board of Directors UST inc. / Anatoly Unitsky

“Working in third world countries can be stressful. Maxim, however, acclimated himself to his new environment and showed the ability to work in any country and be effective as soon as his feet hit the ground.” — President of Kathmandu Podway LTD. / Jan Wall

“Maxim possesses excellent communication skills, both verbal and written. Showed an ability to foresee a potential problem and essentially nip it in the bud, saving the company money. As an effective team player, Maxim trusts the team he assembles, and they believe in him as a fair and effective leader.” — Procurement Director of DAIMLER Rus / Dmitry Smirnov

## CONTACTS:



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Minsk, Belarus

## SENIOR PROJECT MANAGER

DAIMLER TRUCK RUS / SEP 2019 – PRESENT

Program: Localization for a new generation of Mercedes-Benz MP4

- €60,000,000 total budget / 30-month duration;
- Unique program with two OEMs: Mercedes-Benz & KAMAZ;
- 12 years of the new generation life cycle and 15 supplier plants;
- Developed three local suppliers to DAIMLER AG standards;
- Headed 67% of the localization scope or 24 material groups;
- Implemented SAP from BBP to closed signing as a key user;
- Supervised the supportive PMO group;

## PROJECT QUALITY MANAGER

KAPITAL GROUP / JAN 2016 – MAR 2017

Project: Launch Brake System Manufacturing for High-speed Trains;

- Increased customer satisfaction rate by 30% (lag in shipments);
- Launched a CMM lab from a concept to accreditation;
- Organized supplier price reduction with results -\$51.000/year;
- Reduced scrap from 2% to 0.5% due to the SPC implementation;
- Certificated in accordance with ISO 9001:2015;
- Implemented IATF core tools (APQP, FMEA, MSA, SPC, PPAP);

## QUALITY MANAGER

ECOPOL VLADIMIR / OCT 2014 – JAN 2016

- Passed the ISO 9001 certification audit;
- Slashed the scrap from 3% to 1.2% (Pareto Chart, SMED);
- Launched a new production line (injection molding, heat-insulating foaming, and assembly);

## PROJECT QUALITY ENGINEER

PLASTIC OMNIUM / JAN 2016 – MAR 2017

- Result of 2016 - zero ppm (zero customer claims);
- Participated in new line launch for Nissan and Renault projects;
- Led an internal audits group;
- Boosted throughput by 8%, eliminated bottlenecks, and conducted process mapping and time/capability studies;
- Completed a month internship in France (Lean and Project Management courses);