

CONTACT

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Remote-only worldwide

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LANGUAGES

English C1 (C2 receptive)

Slovak C2 native

German A2 / B1 receptive

Hungarian B1 receptive / A1 active

Turkish A1 (learning)

CORE SKILLS

CATIA V5 Advanced

3DExperience Advanced

Siemens NX Skillful

Autodesk Inventor Skillful

C# Skillful

VBA (Excel + Office) Skillful

Selenium Skillful

Stripe API Skillful

React / TypeScript Intermediate

SQL / EF Core Intermediate

MS Excel Expert

MS PowerPoint Advanced

MS Visio Skillful

CERTIFICATIONS

• FESTO Didactic — Pneumatics & Electropneumatics (EP 111)

• JLR — i-PLM 3D Live Essentials

• JLR — GSPAS / Process Writing

• Dytron — ENOVIA DMU Navigator

• SOŠ — CO₂ Welder Z-M1

INTERESTS

Gym · Golf · Piano · Drawing

Martin Janus

MANUFACTURING-TECHNOLOGY SPECIALIST

Founder, Quizzolingo · Ex-Jaguar Land Rover · Ex-Volkswagen

ABOUT

Manufacturing-technology specialist with 12 years and **launch experience across four OEMs** — Volkswagen Slovakia, Jaguar Land Rover, Stellantis, and BMW. Model-year launches: Audi Q7 & Q8, VW Touareg, Land Rover Defender, Discovery, plus Stellantis T&F chassis programs (PHEV / BEV / ICE platforms) and BMW cockpit-delivery AGV line layout. Internal CATIA V5 + 3DExperience SME at JLR Nitra — mentored engineers across the bodyshop, operating close to design-engineer level. Built and shipped 10,500+ lines of solo VBA + C# tooling at JLR (still in daily use today) that saved tens of thousands of euros per year and eliminated six-figure quality risks. Currently founding **Quizzolingo** — an AI-powered learning platform selected as a **Hummelnest startup-programme candidate** (Austria, Jan-Mar 2026), pre-screened by **Raiffeisenlandesbank**.

SELECTED PROJECTS

Autobolting Data Reporting · JLR Slovakia · 2021-2022 (still in daily use as legacy tool)

10,500-line solo-built VBA application — 8 custom userforms, station-specific data processing (L462 / L663 vehicle programmes), automated PDF shift-report generation with date-hierarchical archival. Daily-use production tool across bodyshop operations; still running in 2026 with no replacement.

Robot Maintenance Heatmap · JLR Slovakia

Multi-hundred-row Excel + VBA workbook visualising maintenance faults across every robot on the production line. One column per day, one row per robot — cell colour intensity (none → red) reflects fault count, surfacing degradation patterns at a glance and pre-empting scheduled downtime decisions.

CATIA V5 Naming-Convention Tool · JLR Slovakia · 2023

C# desktop application integrated with CATIA V5 to enforce CAD-database naming standards across the bodyshop CAD repository. Eliminated manual rework and inconsistencies.

DB Reporting Automation (Selenium) · JLR Slovakia

C# + Selenium tool routing around denied database API access by automating web-UI queries. Engineering pragmatism under enterprise access constraints.

Stellantis & BMW design contracts (via PROXTON) · 2024-2025

Stellantis T&F chassis launches across PHEV / BEV / ICE platforms — design changes, Hexagon measurement-arm underbody analysis, conveyor integration for rear quarter-panel windows. BMW cockpit-delivery AGV line layout designed from scratch and delivered remotely from Slovakia, self-taught Bentley MicroStation for the engagement.

Personal C# desktop tooling · 2019-present

Built a series of small C# desktop apps — both colleague-requested workflow “simplifiers” (automating repetitive bodyshop tasks on request) and personal tools, including a perfume-collection manager with web scraper + temperature- and season-based recommendation algorithm across a 90+ item library. Comfortable shipping end-to-end desktop tooling for arbitrary problem domains.

Quizzolingo · Founder · Jan 2026 - present

Multi-tenant B2B + B2C SaaS — 11 question types, AI-generated content in 5 languages, real-time multiplayer (SignalR), Stripe-powered marketplace with creator payouts, Estonian OÜ in formation. Hummelnest programme candidate (Austria, Jan-Mar 2026), pre-screened by Raiffeisenlandesbank.

WORK EXPERIENCE

APR 2024 - DEC 2025

Design Engineer

PROXTON Engineering s.r.o. · Šaľa, Slovakia

- **Stellantis:** led design work for new T&F chassis launches across PHEV, BEV, and ICE platforms — design changes, third-party manufacturing oversight, root-cause analysis on front-strut clashing, underbody analysis with Hexagon measurement-arm robot, 3D printing + prototyping, full 2D fixture documentation. Designed a conveyor for rear quarter-panel windows and integrated it into the existing production line.
- **BMW (Germany):** designed the new AGV line layout for cockpit delivery — full plant-line design from scratch, working only from existing reference layouts. Delivered remotely from office, self-taught Bentley MicroStation for the project.
- Tooling design + 2D documentation in CATIA V5 + Bentley MicroStation for external automotive customers; C# + VBA automation for internal workflows.

MAR 2023 - MAR 2024

Project Engineer

Jaguar Land Rover Slovakia · Nitra

- Model-year changes + future programme projects (Defender, Discovery) using Agile / JIRA.
- Owned the bodyshop CAD database — data accuracy and accessibility across the engineering team.
- Built C# tool integrated with CATIA V5 to enforce naming conventions across the CAD repository.
- Excel VBA automation for data analysis and productivity gains across the bodyshop.

JAN 2019 - MAR 2023

Manufacturing Engineer — Body Construction

Jaguar Land Rover Slovakia · Nitra

- Introduction of all new bodyshop projects + changes to existing facilities (JLR cycle plan).
- Launch of new Land Rover Defender from Hard-Tool Functional Builds through to JOB1.
- Process optimisation across closures, cladding, off-track area, and parts of Trim & Final.
- Internal CATIA + 3DEXperience SME — mentored engineers across the plant.

MAR 2013 - DEC 2018

Process Engineering Technician (C-SUV)

Volkswagen Slovakia · Bratislava

- Launches of Audi Q7 (2nd gen) + Audi Q8 / VW Touareg programmes from preproduction to series.
- Dimensional stability + measurement protocols across bodywork assembly and Trim & Final.
- Direct collaboration with Audi Neckarsulm / Ingolstadt and VW Wolfsburg engineering teams.

SEP 2011 - MAR 2013

Chassis Welder (Audi Q7)

Volkswagen Slovakia · Bratislava

- Welding of reinforcements, longitudinal beams, and floors for Audi Q7.
- Started here at 20 — shop-floor experience that informs every manufacturing decision since.

EDUCATION

Production Quality Management

Slovak University of Agriculture (SPU), Nitra · Technická fakulta

2010 - 2011

Mechanic of Machines & Equipment

SOŠ Polytechnická Nitra

2006 - 2010