# DIPL.-ING. DENNIS MÜNCHOW

Digitalization Engineer with 5+ years experience in the automotive & chemistry industry, leading cross-functional projects in engineering and production with a focus on digitalization and process optimization.

Born 21. July 1993 in Wolfen, Germany

## SUMMARY

Experienced Digitalization Engineer leading international projects for multiple of the most successful global players in the German automotive & chemistry industry. Gained detailed insights into production and IT business areas while interfacing with engineering, planning, and logistics across the entire value chain. Confident stakeholder communicator and task coordinator during critical project situations to deliver exceptional results at executive level. Google certified Data Analyst with a strong passion for process optimization and automation, data visualization & peak efficiency.

## CORE COMPETENCIES

- · Program & multi project management
- · Strategy development & implementation
- · Process optimization & automation
- · Google certified Data Analyst
- · Business Intelligence Consulting
- · Open-minded communicator

## WORK EXPERIENCE

**Freelancer | Digitalization Engineer**                                   *01.2023 – present*
*Specialisation: Digital Transformation*
- · Supporting companies on their journey of the digital transformation
- · Focus on strategic project management, robotic process automation & dashboard creation

**BASF Schwarzheide GmbH | Digitalization Engineer**                       *12.2021 – present*
*Department: Digitalization | Strategy*
- · Strategy lead for autonomous robots for industrial inspection
- · Project lead and scripter for robotic process automation

**MHP – A Porsche Company | Management Consultant**                         *07.2019 – 11.2021*
*Department: Operations Excellence | Performance & Strategy*
- · Project management of various IT harmonization projects
- · Programming of VBA-based analysis tools

**Porsche Leipzig GmbH | Master Thesis Student**                           *05.2018 – 03.2019*
*Department: Production Planning | Body Shop*
- · Project management for process development with a Canadian start-up
- · Master Thesis: Analysis of process variables in air-coupled ultrasonic testing of resistance spot welds (Final Grade: 1,4)

**Composite Cluster Singapore | Internship**                               *10.2017 – 03.2018*
*Department: Prototype Development | Lightweight Engineering*
- · Planning, conception and production of the first prototype series

**Institute of Lightweight Engineering and Polymer Technology | Working Student**     *05.2016– 09.2017*
*Department: Process Development | Thermoplastic Processes*
- · Analysis and evaluation of critical process parameters

**Daimler AG | Bachelor Thesis Student**                                   *09.2015 – 02.2016*
*Department: Production Planning | Polymer-Metal-Hybrids*
- · Bachelor Thesis: Process investigation for the pretreatment of carbon fiber rovings for a melt impregnation process (Final Grade: 1,7)

# EDUCATION

Technische Universität Dresden                                                                    *10.2012 – 03.2019*
- · Subject: Mechanical Engineering
- · Specialisation: Lightweight Engineering and Polymer Technology

# PROJECT EXPERTISE

**Strategic Development of the Software Lifecycle Management | Automotive OEM**          *11.2020 – 11.2021*
- · Historically grown software portfolios generate high cybersecurity risks
- · Development of End2End-Processes for the Software Lifecycle
- · Cost reduction of 282.000€ in the first eight weeks

**Digital Transformation Logistics | Premium Automotive OEM**                                   *04.2020 – 09.2020*
- · Increasing supply risks arising from globalized supply networks
- · Programming of an VBA-based Controlling-Tool for the support of data driven decisions
- · Synchronization between different brand stakeholders

**Harmonizing the IT System Landscape | Automotive OEM**                                         *07.2019 – 03.2020*
- · Heterogeneous processes and diverse IT landscapes
- · Programming of an VBA-based analysis tool for the status quo of the IT landscape
- · Over six hundred users of multiple cross-functional teams

# SKILLS & INTERESTS

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|---|---|
| Languages | German (native), English (fluent) |
| Technologies | Jira, MS Office, MS VBA, MS Visio, MS Power BI, MS SQL Server, Python, UiPath Studio |
| Certificates | Google Data Analytics, Python Core, RPA Developer Advanced, Scrum Master, SQL Course |
| Interests | Data as an Asset, Economics, Guitars, Robotics |

Leipzig | 2023

*D. Muenchow*

Dennis Münchow