



Bjoern Mueller

Product Owner | Data Enthusiast

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[LinkedIn profile](#)

Essen, Germany

[XING profile](#)

[Portfolio](#)

Brief profile

- Extensive experience of approx. 5 years as a **Product Owner** in agile, interdisciplinary teams
- Proven success in the automotive industry with projects for clients such as BMW and VW
- Team leadership, productivity improvement, implementation of **agile methods** in **SAFe** & **Scrum**
- In-depth knowledge of **Python**, **SQL** and agile tools such as **JIRA** and **Confluence**
- **International experience** through work in Germany and China
- Strong analytical thinking, hands-on mentality, enjoyment of interdisciplinary collaboration, ability to adapt quickly to new industries and cultures

Work experience

Structured training programme 10/2024 - present

- Coaching for executives
- Combined training in data science and IT project management

Product Owner 04/2023 – 10/2024

Itemis AG, Remote, Germany

Involved in the development of an [architecture modelling tool](#) in the automotive sector in a Scaled Agile Framework (SAFe) on behalf of Cariad (Volkswagen):

- Leading one of more than 10 development teams revolutionising one of Volkswagen's most important R&D tool chains
- Successfully developed the team in terms of developer skills and overall team productivity

Product Owner 11/2021 – 04/2023

Aptiv Services Deutschland GmbH, Wuppertal/Munich, Germany

Additional responsibilities to the role of Function Owner:

- Management of a cluster of up to 6 Function Owners and 4 Master's students
- Alignment and structuring of work packages in close contact with the customer (BMW)
- Internal project management as well as preparation and management of all agile formats (daily stand-ups, sprint planning, retro, etc.)

Sensing Function Owner 02/2020 – 04/2023

Overall responsibility for the development of neural networks for object recognition for camera-based control units in the field of driver assistance systems and autonomous driving:

- Coordination and planning with software development and test departments
- Requirement engineering, troubleshooting, test drives and evaluation using Python scripts locally and on a cluster
- Supply chain management, coordination with customers regarding requirements, KPIs and project progress

Chief Engineer ADAS Systems	12/2018 – 02/2020
EDAG Engineering GmbH, Munich, Germany	
Management of the development of control units for camera-based driver assistance systems on behalf of BMW:	
<ul style="list-style-type: none"> Supply chain management: Monitoring and controlling the hardware, software and system architecture development of Tier 1 supplier Valeo, including delivery Internal coordination with BMW on further development steps Testing of vehicles and components 	
Integration assistant	08/2018 – 12/2018
Integration Model Essen e.V., Essen, Germany	
Supporting people with mental and physical disabilities in their everyday lives and organising and carrying out leisure activities (accompanying the application phase)	
Working student Customer Data Analytics China	10/2017
BMW China Services Ltd., Shanghai, China	
Project: Customer Data Analytics China	
<ul style="list-style-type: none"> Time series-based analyses of customer behaviour locally (via Python & Jupiter Notebook) and on a Hadoop cluster Python-based statistical visualisation of the analysed data, including presentation 	
Working student Prototyping and testing, benchmarking, mechanical/electrical design	07/2013 – 10/2017
Kiekert AG, Heiligenhaus, Germany	
<ul style="list-style-type: none"> Parallel to dual bachelor's and master's degree programme Tasks: Construction, PCB design and PLC programming 	

Education

Advanced training: Data Science and IT Project Management	10/2024 – 05/2025
cimdata Bildungsakademie GmbH, Remote, Germany	
Further training in:	
<ul style="list-style-type: none"> Project management in IT, including agile principles according to SCRUM Data science: advanced Python, SQL, AI/ML principles 	
Master of Science: Mechatronics	09/2015 – 07/2018
Bochum University of Applied Sciences, Bochum, Germany	
<ul style="list-style-type: none"> Specialisation subjects: Laser technology, radar sensor technology, technical management, safety in vehicle and process engineering 	
Bachelor of Engineering: Mechatronics and IT	09/2011
Bochum University of Applied Sciences, Velbert/Heiligenhaus, Germany	
Dual study programme in combination with IHK training:	
<ul style="list-style-type: none"> Specialisation subjects: Automation, design, mechatronics, computer technology and networks 	

Programming languages & tools

Data Science

Python (advanced, [PCEP](#)) ● ● ● ● ●

Libraries:

- NumPy, SciPy, Scikitearn
- Matplotlib, Seaborn

IDEs:

- Jupyter Notebook, Visual Studio, Spider

SQL / NoSQL (basics) ● ● ● ● ●

- Joins, window functions, subqueries

GitHub ● ● ● ● ●

- Repository handling (cloning, commits, etc.)

Other programming languages

Java (basics) ● ● ● ● ●

MATLAB/Simulink (basics) ● ● ● ● ●

DXL (Doors, basics) ● ● ● ● ●

C (advanced) ● ● ● ● ●

C++ (basics) ● ● ● ● ●

Programmes & Tools

MS Office

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> ▪ PowerPoint ▪ Word | <ul style="list-style-type: none"> ▪ Excel ▪ Outlook ▪ OneNote | <ul style="list-style-type: none"> ▪ Project ▪ Visio |
|--|---|--|

Agile and Requirement Tools

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> ▪ JIRA ▪ Notion | <ul style="list-style-type: none"> ▪ Confluence ▪ Miro | <ul style="list-style-type: none"> ▪ Doors ▪ Polarion |
|--|--|---|

Languages

German

(native language – C2) ●

English

(near native – C1) ●

Spanish

(basic – A2) ●

Further training

Agile and Requirements

- [Professional Scrum Master 1](#)
- IREB Requirement Engineering
- System modelling based on SysML fundamentals

Other

- Machine/computer vision (basics)
- ISO 26262

Person

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|--|--|
| <ul style="list-style-type: none"> ▪ Strong analytical thinking ▪ Enjoy working in an interdisciplinary team ▪ High level of intrinsic motivation and self-organisation | <ul style="list-style-type: none"> ▪ Ability to adapt quickly ▪ Intercultural skills ▪ Hands-on mentality |
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Interests



Padel tennis



Scuba diving



Cook



Travel