

Nico Schultze

Data and Software Engineer

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Germany, Berlin

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Software Engineer with 3 years of experience creating software in a Scrum style work environment. Developed AI systems now used within production for over 20,000 electric vehicles for Mercedes-Benz. Collaborated on internal Software to solve complex logistical problems, raising delivery promises for Vehicles to 90%.

Professional Experience

Mercedes-Benz Tech Innovation

05/2024 – present | Berlin, Germany

Data Engineer / Software Engineer

- Specialized in Data Engineering using PySpark, SQL, and Python on Databricks/Azure, optimizing data pipelines for large-scale operations by roughly 25%
- Developed software to simulate vehicle transportation times globally, improving delivery accuracy to 90%
- Applied Data Science techniques to generate novel KPIs, delivering actionable insights for decision makers
- Implemented cloud analytics solutions with PowerBI, creating interactive dashboards for shareholders

Mercedes-Benz Group

08/2021 – 02/2023 | Berlin, Germany

Data Scientist and Project Manager

- Implemented Artificial Intelligence for the Verification of Electrical Car Components with Accuracy over 99%
- Managed AI camera solutions integration into the production process of 20,000 electric vehicles annually
- Researched and Measured Various Influence Factors on Volatile AI Systems in a Production Environment

Mercedes-Benz Group

03/2021 – 08/2021 | Berlin, Germany


Intern in Data Science

- Scrum-Style Project to Utilize Acoustic Smartwatches for Tracking Noise Levels in a Production Environment
- Conducted AI Research and Implemented Solutions for the Assembly of Electric Vehicles

Education

Software Engineering and Research Program in Tokyo

02/2023 – 02/2024 | Tokyo, Japan

Shibaura University of Technology Tokyo 

Engaged in a Year-Long Immersive Software Engineering and Research Program in Tokyo, Japan, Enriching My Skills and Knowledge in a Dynamic International Setting while Acquiring the Japanese Language (Level N2)

Bachelor of Science in Computer Science and Economics

10/2018 – 03/2022 | Berlin, Germany

Hochschule für Technik und Wirtschaft Berlin 

Graduated with Honors - GPA 4.0

Skills

Python | Pytorch | PostgreSQL | Spark | Docker | Go | Git | React.js | Java | Kubernetes

Languages

- German (Native)
- English (Highly Proficient)
- Japanese (JLPT N2)