

PHILIPPOS G. BARABAS

ENGINEER & FOUNDER

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INTERESTS



Industry 4.0



Futurism



Sustainability



Humane technology

TECHNICAL & SOFT SKILLS

Technical Architecture	●●●●○
POC/MVP Creation	●●●●○
Cloud Computing	●●●○●
Internet of Things	●●●○●
Post-Sales Support	●●●○●
Relationship Management	●●●●○
Technical Communication	●●●●○
Product Demonstrations	●●●○●
Analytical Thinking	●●●●○
Adaptability	●●●●○

LANGUAGES

English	●●●●●
German	●●●●●
Greek	●●●●●
Chinese	●○○○○

EDUCATION & PUBLICATIONS

Technical University of Munich

B. SC. & M. SC. IN ELECTRICAL ENGINEERING | 10/2013 - 03/2020

Lothar & Sigrid Rohde Foundation Scholarship (2017)

COLAW: Cooperative Location Proof Architecture for VANETs based on Witnessing ([doi.org](https://doi.org/10.1109/ICST.2020.9211111))

BARABAS P., REGNATH E., STEINHORST S. | COINS:
CONFERENCE ON OMNI-LAYER INTELLIGENT SYSTEMS | 2020

ABOUT ME

Engineer and founder with 5 years of experience in the automotive and technical consulting sector. Proven track record in conceptualizing and delivering technical solutions tailored to clients' needs, managing client relationships, and providing pre-sales technical assistance in both B2B and B2C environments. Highly skilled in communicating complex technical concepts and solutions to non-technical audiences, and passionate about the future of technology and its role in creating a sustainable society.

WORK EXPERIENCE

CAPGEMINI ENGINEERING | 10/2018 - PRESENT

Worked on 5+ client, R&D and European research projects. Some selected projects:

TURING | TECHNICAL CONSULTANT | Q1 2024 - PRESENT

Key responsibilities:

- Strengthen the GenAI footprint in the German automotive sector
- Engaging with clients and project leads to understand needs and pain points
- Identifying GenAI use-cases and proposing technical solutions

ASSM | TECHNICAL CONSULTANT | Q4 2022 - Q1 2024

Key responsibilities:

- Development and delivery of production ready solution
- Analyzed business data and proposed technical architecture solutions
- Worked closely and in short iterations with the client

Achievements:

- Final product used to steer software development processes of more than 1200 employees
- Parent company of the client raised interest in adopting final product

GAIA-X 4 KI | TECHNICAL CONSULTANT | Q2 2021 - PRESENT

Key responsibilities:

- Identifying automotive business cases for the European federated data infrastructure project, GAIA-X
- Designing and developing demos showcasing the value added
- Understanding and aligning key stakeholders requirements

Achievements:

- The maturity of the use cases led to them being used as a reference across the consortium
- Demos and software components developed are reusable across many projects

SILC | TECHNICAL LEAD | Q2 2019 - Q2 2022

Key responsibilities:

- Full-stack development of an Android app MVP to demonstrate the benefits of truck platooning
- Designing the technical architecture of the solution and launching the MVP
- Gather requirements and expectations from end-users and key stakeholders

Achievements:

- MVP was tested on real road conditions and showcased at internal company events

TERANO | 03/2021 - 10/2022

CO-FOUNDER, COO

Description: The zero-waste grocery delivery service Terano (terano.de) with its intuitive container deposit system for stables proved that grocery shopping can be both sustainable and convenient.

Key responsibilities:

- Managing warehouse operations, procurement and last-mile delivery
- Responsible for customer and supplier relationships
- Supported on various other startup activities like creating marketing material, shop design, legal matters and data analytics

Achievements:

- Terano generated five figure revenues and was featured on local news