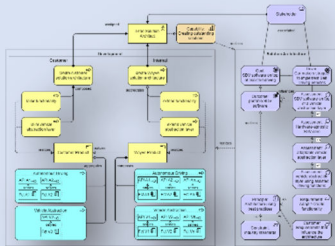


# Volker Floeder

Senior Solution Architect  
Automotive  
Onboard Software



Bremerhaven, Germany

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## Summary

Solution Architect with over 15 years of experience in automotive software and E/E architecture. Started with map-based ADAS systems, car navigation and ECU software. Optimized ECU hardware handling in software. Accelerated and led autonomous driving software development and boosted onboard software turnaround times.

## Education

Mathematics      Combinatorics, Design Theory, Graph Theory, Numerical Methods

Computer Science Software Design, Operating System Design, Programming Languages, Compiler Design

## Work Experience

### Strengths

- Analytical
- Strategic
- Communicative
- Collaborative
- Visionary

### Expertise

- Technical Architecture
- Leadership
- Automotive Standards and Compliance

### Skills

- Automotive Expertise
- Requirements Evaluation
- Incremental product development
- Versatile collaboration
- Mentoring

### PMT Architecture – Cariad Solution Architect

Supporting the transition from an Engineering- to a Software-Centric Business of a global automobile manufacturer.

### Realtime Audio Analyzation – Rheinmetall Embedded Software Architect and Developer

System for detection and analyzation of sound sources around vehicles.

### Autonomous Driving – Siemens Mobility Lead Software Architect

Autonomous driving solution for public transportation systems. Different sensor technologies for a digital environment model.

### Automotive Telematics Control Unit – Valeo Senior Consultant Embedded Linux

Geolocation (GPS, Glonass) and mobile telecommunications (2G/3G/4G) technologies. In-vehicle services, safety and security eCall, Era-Glonass and Stolen Vehicle Recovery.

### ADAS Prototyping – Daimler, Ford, Opel Principal Software Architect / Project-Manager

Digital-horizon provider with unique features like Context-Based Road-Matching, Turn-Prediction and dynamic length of the predicted path.