



PROFIL



Steffen Andreas

- Technician specializing in mechanical engineering
- > 20 years experience in the automotive industry
- > 7 years project engineering & management experience
- > 7 years experience as team leader



Engineering Experience

2021 – 2023

Model-based System Engineering of E/E-Architectures for automobiles

- Model-based automotive system architecture development using the Vector PREEvision software
- Creation of a logical architecture model for combustion and electric cars
- Allocation of the logical model elements to software and hardware model representations
- Allocation of the software signals to the modelled logical information flows
- Setup and alignment of modelling guidelines for the logical system model and for the software architecture
- Ensure model consistency over 3 product lines and >40 products
- Documentation in JIRA, software / model version handling with GitHub

2019 – 2022

Functional testing of loaded fuel filters

- Planning and carrying out test drives in the vehicle
- Particle measurement in front of and behind the filter element under real conditions
- Recording and evaluation of measurement data in INCA/ETAS
- Correlation of the vehicle test drives with static test bench data and evaluation of the results
- Determine error and influencing variables and initiate corrective measures
- Evaluation of the results and follow-up with the supplier

2010 – 2014

Test Engineer/Technician Automotive

- Planning and carrying out test drives in the vehicle
- Planning, construction, execution, and evaluation of tests on components on the fuel supply system of diesel
- Application of engine characteristics and their validation
- Testing of prototype parts under different climatic conditions
- Planning and implementation of local and international test drive series

1998 – 2010

Quality Engineer/Technician

- Planning, construction, execution, and evaluation of tests on diesel and gasoline engines (such as quality assurance and endurance runs)
- Monitoring and optimization of tests series
- Decide on release, repetition or termination of the test results
- Testing and introduction of new measurement techniques, methods and applications
- Participation in Projects (AMG integration test field, OM642 quality process for manufacturing and assembly)
- Creation of automated test programs
- Error analysis and initiation of necessary measures
- Fault analysis and diagnosis of Q problems, initiating and follow-up on internal and external corrective actions
- Preparation and independent implementation of supplier discussions on quality-related topics
- Organizational and technical coordination of Q-rule discussions in particular preparation of quality-related data
- Implementation and monitoring of quality ~~control~~ related communication in the department

Management Experience

2017 – 2021

Head of Competence Center

- Head of Competence Center System Architecture & Infotainment in Wolfsburg
- Business development and enhancement of customer and employee relationships
- Acquisition of new projects, focus on Automotive Sector, specializing in model-based system architecture development, infotainment system specification and end-to-end infotainment software testing
- Professional and disciplinary management of employees
- Organization and control of processes within the area of responsibility
- Evaluation of specifications, preparation of quotations and resource management

2015 – 2017

Freelance Lecturer/Trainer

- Trainer, specializing on Team leader seminars, communication, team building
- Individual and professional Coaching
- Organizational and structural constellations Lecturer in adult education with a focus on mechanical engineering

2014 – 2015

Head of Quality Technology

- Development of quality concepts for projects, new start-ups, changes within existing manufacturing/production
- Initiation and monitoring of quality processes
- Suppliers and defect management
- Further development of the QM system
- Professional and disciplinary management of employees
- Representative of the QA manager of the plant

2012 – 2014

Team Leader Aggregate Development

- Leading a team of 11 employees with a focus on the development and advancement of diesel fuel supply systems
- The main components developed by the department were delivery units, fuel lines and dampers. In addition, the interfaces to the Motor, such as high-pressure pump, pressure regulating valve were included in the design activities
- Independent planning and execution of tests of components in vehicles under the influence of heat and cold
- Responsibility for quality, deadline and cost aspects of the team within the department and in front of the customer
- Project manager and management of projects.

Additional Skillsets

Languages

German	Native language
English	advanced

Software skills

Office Applications	MS Windows, MAC OS, MS Office Applications, MS Visio, SAP, MS-DOS
Project Management	MS Project, JIRA, Confluence
CAD Tools	AutoCAD
E/E Tools	Vector PREEvision, ESCAPEpro
Software	INCA, Vediamo, X-One, Gredi, QS-Stat

Programming

Java	Basic
HTML	Basic

Education

1997 – 2001	Staatliche Technikerschule Berlin State certified technician specializing in mechanical engineering
1991 – 1995	Vocational training as an industrial mechanic specializing in machine/system technology