

Software Requirements Engineer – Autonomous Driving (m/f/d)

Location: Munich

Shaping the Future of Mobility

We are Aptiv – a global technology company that has been setting standards in mobility for more than 24 years. With more than 160.000 specialists in 45 countries, of which 3000 are in Germany, Aptiv is one of the most significant market leaders in designing, engineering and enabling solutions for how we'll move tomorrow.

We are writing innovative software and building the matching hardware. We connect it all together and make it work. We are bringing connectivity, autonomous vehicles and Smart Cities to life in ways like only we can.

At Aptiv we do not just envision a world that is safer, smarter, greener and better connected, we are making it a reality today and set the standards for tomorrow.

Join our Innovative Team

Want to do more than just imagine the ways our world will move tomorrow? Here's your opportunity. Join the technology company that's transforming the future of mobility today.

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions, which enable the future of mobility. Headquartered in Dublin, Aptiv has 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries. Visit aptiv.com.

About this position

We are currently looking for an Automated Driving Software Requirements Engineer with major focus on Customer Integration to work in Munich, Germany location. The successful candidate will be at the forefront of the latest technological advances that will transform mobility toward the future. We are looking for someone with a good software Requirements experience especially in ADAS domain and having the capability to work with team of specialists. You are a self-starter that is able to resolve ambiguity and provide focus across multiple domains of expertise.

Responsibilities and duties

- Analyze the requirements documents from customer RFQs
- Discuss requirements with the customer, clarify open points and details
- Derive and specify the product requirements
- Technical requirements engineering in close cooperation with our customers
- Help benchmark sensor and system concepts for highly automated driving
- Collaborate within a diverse research team and support in public funded projects
- Actively walk through new requirements with the technical experts to evaluate their impact
- Present new requirements to the Change Control Board and prepare decision papers
- Create and maintain the traceability of the requirements for the entire development cycle according to A-SPICE and ISO 26262
- Advise teams to write and trace requirements, perform reviews, and advocate for quality standards
- Support the definition and improvement of processes, methods and tools for requirements management
- Offer support, training and guidance for the development team
- Interfacing for development, quality assurance and technology operations
- Ability to travel to support customer meetings in Germany/Europe and occasional test drives
- Develop engineering solutions within assigned project(s) scope and timing
- Support the development team with debugging and test activities
- Contribute to project quotes, various reports, presentations, and studies

Qualifications

- University degree in Computer Sciences, Robotics, Mathematics, Electronics, Electrical, Automotive Engineering or similar; preferably with PhD in related area
- You have an analytic mindset and a strong customer focus
- You have experience in Software requirements engineering and automotive requirements processes
- You excel at structuring information and precisely formulating requirements and specifications
- You have knowledge in system partitioning of automated driving vehicles, know-how in Perception, Environment Modeling and Planning; ROS expertise advantageous
- You have strong presentation and communication skills
- Preferably you also have knowledge on software development and testing processes
- Soft skills: innovative, flexible, logical thinking, goal-oriented, team player
- Knowledge and experience with agile development frameworks: Scrum, Auto-Scrum, Kanban or XP
- Enjoying new challenges and innovative technologies
- You are fluent in English and German, both written and spoken

Could we arouse your interest? Awesome! We look forward to receiving your application documents. If you have any questions in advance or would like to find out more about the position and Aptiv, please contact our Aptiv Recruiting Team at my.move@aptiv.com.

Further information about Aptiv can be found on our website www.aptiv.com and on our YouTube channel www.youtube.com/aptiv. Our employees also introduce themselves to you at www.aptiv.com/our-people.