

# Bachelor Thesis - Product Management - REF55157W

## Ihre Aufgaben

For the area of product management at the Villingen-Schwenningen site, we are offering an opportunity for a bachelor's student (m/f/diverse) to write their mandatory thesis with Continental starting in **September 2024**. The working-hours will be mainly on-site in Villingen-Schwenningen. Remote work is possible according to prior agreement.

The **Bachelor Thesis** will explore the topic of integrating Artificial Intelligence (AI) into fleet management software (VDO Fleet). This project aims to enhance operational efficiency, reduce costs, and improve decision-making processes within fleet operations. The student (m/f/diverse) will support in researching, developing, and proposing innovative AI solutions that can be integrated into our existing fleet management systems.

Get on board, become a part of Continental and also benefit from our Villingen Internship Program (VIP).

### Key tasks:

- Conduct research on current AI technologies and their application in fleet management
- Analyze existing fleet management processes to identify areas for improvement through AI integration
- Develop a detailed proposal outlining the scope, objectives, methodology, and expected outcomes of the thesis. This should include a plan for how AI can be integrated into specific aspects of fleet management software, e.g. in vehicle tracking, maintenance scheduling, and fuel consumption optimization.
- Work closely with the product management and development teams to understand the technical architecture of our fleet management software. Propose and prototype AI-driven features or modules that align with the project's goals
- Design and conduct tests to evaluate the effectiveness and efficiency of the proposed AI integrations. This includes setting up benchmarks, analyzing data, and gathering feedback from stakeholders
- Document all research findings, development processes, test results, and analysis in a comprehensive thesis. Prepare and deliver a presentation to company stakeholders, showcasing the project, its findings, and potential impact on the business.



Job ID  
**REF55157W**

Arbeitsbereich  
**Projektmanagement**

Standort  
**Villingen-Schwenningen**

Ansprechpartner  
**Inez Kruse**

Rechtliche Einheit  
**Continental Automotive Technologies GmbH**

## Ihr Profil

- Bachelor Students (m/f/diverse) in the field of Information Technology, Business Informatics, Artificial Intelligence / Machine Learning or similar courses of study
- Know-how in the field of Artificial intelligence (AI) and Machine

## Learning

- Knowledge of Cloud Applications, Jira / Confluence, Python, Java, R or similar experience
- Advanced handling of MS Office-applications
- Fluent English skills (C1), written and spoken, for daily communication within the international team
- Good German skills (B1) are a plus
- Distinct communication skills
- Analytic thinking, result-oriented work style, customer orientation, self-dependence
- Creativity & flexibility

Please remember to upload your current enrollment certificate and overview of grades as well as the conditions of study related to mandatory internship, as these are absolutely necessary for the processing of your application! If required, please submit your valid residence permit as well as your work permit including the additional sheet.

Applications from severely handicapped people are welcome.

## Unser Angebot

What we offer:

- An exciting and varied area of responsibility in a motivated team with flat hierarchies
- Hybrid working (occasional working from home possible)
- Flexible working hours
- A modern working environment based on New Work principles
- Performance-related compensation for your internship with us
- The opportunity to apply theoretical knowledge in practice by encouraging personal responsibility and commitment
- An open working atmosphere: with a hands-on mentality, you will be a valuable member of the team.
- Villingen Internship Programm (VIP): Special events and team activities for students (m/f/diverse)
- Benefit from a variety of discounts and reductions through our corporate benefits and local providers
- Health courses and sports programmes
- Working in a motivated and experienced team
- Challenging and varied area of responsibility
- Internship compensation by standard of the Continental group

Sie wollen mit uns Gas geben? Starten Sie durch und bewerben Sie sich jetzt!

## Über uns

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In

2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion and motion control systems. Innovative solutions for assisted and automated driving, display and operating technologies, as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services.