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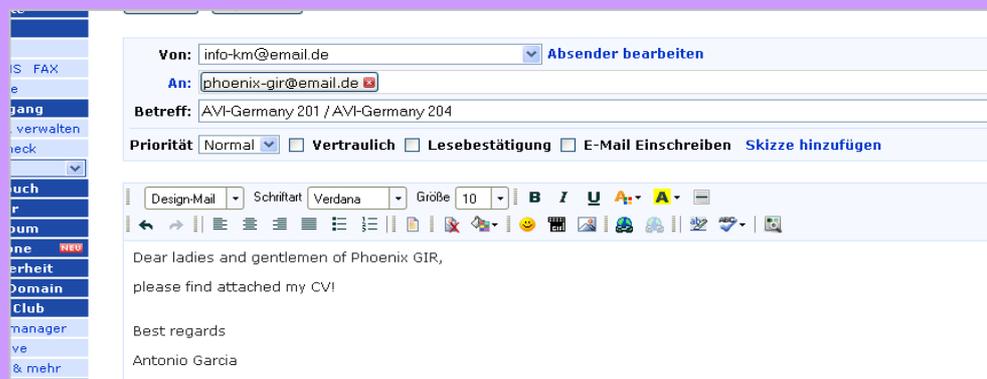
1. Check the advices on our website and adapt your CV to our templates

<http://www.phoenix-gir.com/jobs-career-advices/cv-templates-advices/>

2. Check which one of the following job-descriptions match your profile most.

Integrate the key-informations of job-descriptions in your CV – of course only as far as you are experienced in the needed tasks.

3. Send your optimized CV (word-/doc-file!) to us with the reference-number in the email-subject-line: [phoenix-gir@email.de](mailto:phoenix-gir@email.de)



## Engineering

### AVI-Germany 201 – Systems & Electronics

You have knowledge of mechanical structural principles, systems installations, technical standards and strength of material. You should also have experience with IT tools such as office automation and 3D CAD. Your background is in general engineering with a specialisation in mechanical, thermal or hydraulics.

#### Main responsibilities and tasks

- Use technical instructions supplied by the design office
- Produce prototypes and assembly drawings of the line project
- Carry out checks and tests
- Guide and supervise industrial illustrators
- Perform calculations, drawing dimensions and digital mock-ups

### AVI-Germany 202 – Structural & General

This role requires expertise in stress and fatigue analysis, structural technology and strength of materials, as well as knowledge of CAD/CAM. Your background is in aeronautical or general engineering, with a specialisation in metallic or composite structures or design. A further qualification (Masters or equivalent) in a technology subject would be ideal.

#### Main responsibilities and tasks

- Produce the best architectural solution for specifications
- Ensure the aircraft offer maximum safety with minimum maintenance
- Be involved in all processes from initial data and specifications to configuration work for manufacture and assembly



## AVI-Germany 203 – Flight Physics

Flight physics encompasses non-specific design activities that deliver data used for the detailed design of aircraft components and systems. The main areas in flight physics are aerodynamics, loads and aeroelastics, and mass properties.

Your background will include an accredited Degree/Masters/PhD or equivalent in aeronautical or aerospace engineering, aerodynamics, mechanical engineering or engineering with maths/physics.

### Main responsibilities and tasks

#### Aerodynamics

- Design wing shape
- Assist in development of aircraft configuration
- Generate aerodynamic data for use by other disciplines
- Analyse data from wind tunnel and flight tests
- Develop new modelling capabilities and support ongoing aerodynamic research

#### Loads and aeroelastics

- Develop, validate and apply mathematical models that represent the response of aircraft in flight and on the ground
- Ensure any new aircraft design is free from oscillatory or divergent aeroelastic behaviour

#### Mass properties

- Develop, validate and deploy mass prediction tools to forecast component and overall aircraft weight
- Ensure optimum mass is achieved for each component based on a balance between design limitations, manufacturing capabilities, cost and time

## AVI-Germany 204 – Configuration Management

This is about understanding every aspect of a product and how it is developed. No new product developments can begin until Configuration Management has documented and approved the plan. It is a key driver to ensure quality throughout the lifecycle of a product and impacts all Airbus activities from manufacturing to project management.

A Degree in engineering or other relevant technical discipline is preferred but not essential if you have practical experience. You have excellent communication and influencing skills, self motivation and the ability to act autonomously. You are able to develop workable solutions to complex technical issues.

### Main responsibilities and tasks

- Product Identification: Breakdown aircraft into 'manageable' physical and data items
- Change Management: Monitor changes made to product in development cycle
- Conformity & Attestation: Ensure that the specifications and the physical product are consistent, identify and justify possible deviations, and attest

### Examples of positions

- Configuration Manager
- Change Leader
- A/C Conformity Manager
- Product Identification – CM Process Architect

## AVI-Germany 205 – Composites Design and Stress

The application of composites in the design and manufacture of aircraft wings has evolved dramatically over recent years and they are also now increasingly used in fuselage design. In parallel, the role of our composite team has evolved greatly. Traditionally a design role, it now focuses on the management and integration of multi-disciplinary engineering projects.

You have a Degree in aeronautical, mechanical or materials engineering and a background in an engineering or manufacturing organisation. You also have working knowledge of: design principles and stress tools, methods and techniques; composite static strength calculation; and static analysis of damaged composite structures. Experience in the aerospace sector would be advantageous but is not essential.

### Main responsibilities and tasks

- Design drawings and definition of design principles



- Development of analysis tools and integration of stress analysis methods
- Composite testing
- Co-ordination of materials design research projects
- Management of external work packages

#### **Examples of positions**

- Composite Designer
- Composite Stress Engineer
- Task Team/Project Leader
- Architects/Integrators (to focus on system integration)
- External Work Package Leader

### **AVI-Germany 206 – Lean**

The implementation of Lean principles is a core, strategic objective. The team plans and delivers operational efficiencies into every aspect of Airbus from engineering and assembly, to HR and Finance.

A Degree in a technical or engineering discipline is preferable. However, practical experience of Lean principles is more important. We are looking for individuals who have the passion to be Lean 'champions', so a demonstrable track record of directly contributing to the implementation of Lean principles is key.

#### **Examples of positions**

- Lean Expert
- Lean Sigma Specialist
- Lean Trainer

### **AVI-Germany 207 – Supply Chain**

With the increasing challenges the global aerospace market are facing – where 70% is sourced externally – Supply Chain Management is critical. Within the procurement-team – including supply chain and purchasing activities – you plan, negotiate and procure all materials and suppliers used in the manufacture of aircraft.

A Degree in supply chain or other relevant technical discipline (e.g. manufacturing engineering, engineering or quality) is preferred.

If you are applying for a Field Engineer role, you must have experience in Lean and 6-Sigma methodologies and knowledge of supply chain issues. Quality Managers need experience in the management of supply chain, supplier relationships and engineering teams. Buyers need to demonstrate excellent negotiation skills.

#### **Main responsibilities and tasks**

- Identification and qualification of suppliers
- Supplier performance management audits
- Material ordering and logistics across the locations
- Negotiation and management of cost reduction and contracts

#### **Examples of positions**

- Supply Chain Field Engineer
- Supply Chain Quality Managers
- Buyers

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### **AVI-Germany 208 – Engineering Support Team**

The world's airlines need to continuously improve their efficiency and meet the challenges of the future. To support our ever-growing global customer base, companies often seek qualified aeronautical engineers and technicians to join Systems, Structures and Maintenance teams. The teams are responsible for providing engineering support across the entire product fleets to a wide range of customers.

The demands are mostly for qualified aeronautical engineers and technicians with fluency in written and spoken English. Knowledge of other languages would be an advantage.

#### **Main responsibilities and tasks**

- Understand and analyse customer issues
- Advise and work with technical and operations teams worldwide



- Ensure the implementation of effective, timely solutions
- On-site customer visits

## ICT

Our clients are looking to strengthen their Information, Communication and Technology (ICT) teams at sites in countries of the European Union. These opportunities require knowledge of and experience in diverse areas such as Network, System, Security, Process, PLM (Catia, Windchill), DMU and ERP. But the clients look for more than just technical knowledge and skills. The people are all customer-focused and thrive in an international business environment.

### AVI-Germany 209 – ICT Architects

We're looking for individuals with extensive experience in IT technology or applications in a variety of companies or industries. Strong communication and negotiation skills in an international environment, and a self-motivated, flexible approach are essential.

#### Main responsibilities and tasks

- Guarantee global consistency of Information Systems
- Anticipate future business needs and assess suitability of new technologies
- Define standards and provide direction and guidance to ensure compliance
- Design and align solutions across the global organisation

### AVI-Germany 210 – ICT Project Leaders

You have project management experience as well as knowledge of one or more specific areas: Network, Systems, Process, PLM (Catia, Windchill), DMU or ERP. You also have interpersonal and management skills suited to an international environment.

#### Main responsibilities and tasks

- Understand, capture, anticipate and challenge business needs
- Deliver IT solutions or packaged services to time, cost and quality targets
- Manage internal resources as well as the delivery of external suppliers

### AVI-Germany 211 – ICT Service Managers

You have knowledge of one or more specific areas: Network, Systems, Process (ITIL), PLM (Catia, Windchill), DMU or ERP. Excellent project and people management skills as well as experience in an international environment are a must. Customer-focus and responsiveness are also important.

#### Main responsibilities and tasks

- Ensure full operational availability, reliability and integrity of operational services
- Define service offering including quality and cost objectives
- Ensure efficiency and effectiveness of services
- Define and monitor metrics for implementing changes and capacity planning

### AVI-Germany 212 – Project / Programme Management

Working in P&PM, you will experience a huge variety as your involvement in the whole lifecycle takes you from one interesting project to another. As your career develops with the companies, this range of projects could cover many areas including development of new aircraft, managing aircraft modifications, R&T and developing the range of customer support services offered by our clients.

Required levels of relevant project management experience will vary from a few years for the junior positions through to multiple years for the lead roles. We are essentially looking for people with an international profile, who share the P&PM mindset that drives the clients projects toward successful delivery. The ability to influence at all levels, to be resilient, self motivated and having a can-do attitude.

We are currently looking for experienced Project Managers at 4 levels across Europe.

- **Junior Project Managers**
- **Project Managers**
- **Advanced Project Managers**
- **Lead Project Managers**