



## Exterior Designer for Doors / Flaps Automotive \*Türkiye\*

**Arbeitsort:** 34122, Istanbul

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### Was Sie erwartet:

Responsibilities:

- Design and development of door and hatch systems, including mechanisms like hinge, sliding, and folding systems
- Integration of door mechanisms such as locking systems, latches, seals, and electrical components (e.g., power windows)
- Development of efficient assembly concepts and solutions for door and hatch assembly in the production process
- Selection and application of materials such as steel, aluminum, plastics, and composites (e.g., CFRP, GFRP)
- Performing crash simulations and structural analyses to ensure safety requirements are met in case of accidents
- Optimizing soundproofing and acoustics in door and hatch components
- Using CAD software (e.g., CATIA, Siemens NX, SolidWorks) to model and create manufacturing drawings
- Conducting FEM analyses and motion analyses to validate the functionality and safety of door mechanisms

### Was Sie mitbringen:

Requirements:

- Degree in Mechanical Engineering, Automotive Engineering, or a related field
- Strong knowledge in the design of doors and hatches and their mechanisms
- Experience with manufacturing technologies such as stamping, drawing, forming, injection molding, welding, and adhesive bonding
- Experience with crash simulations and FEM analysis
- Proficient in CAD software and simulation tools such as ANSYS, Abaqus, or Altair HyperWorks
- Knowledge of materials, especially for doors and hatches like aluminum, steel, and composites
- Experience in planning and conducting tests to validate door and hatch components
- Ability to collaborate across departments and manage projects
- Understanding ergonomic and safety requirements for door and hatch mechanisms
- Experience in cost estimation and supplier coordination
- Knowledge of relevant safety, environmental, and

- Planning and conducting tests like load tests, crash tests, wind tunnel tests, and durability analyses to validate components
- Ensuring quality control and performing failure analysis during series production, working closely with manufacturing to improve fit, functionality, and durability
- Project planning, coordination, and budgeting for door and hatch development projects, including collaboration with other departments such as bodywork, interior, electronics, and manufacturing
- Performing cost estimation and selecting suppliers for door and hatch components
- Ensuring compliance with safety, environmental, and quality standards (e.g., ISO 9001, IATF 16949) in door and hatch production

quality standards

As an exterior designer for doors and hatches in the automotive sector, you will be responsible for developing the outer components of a vehicle that meet both functional and aesthetic requirements. These components include vehicle doors, tailgates, hoods, trunk lids, and other opening mechanisms. A degree in mechanical engineering, automotive engineering, or a related field is required. To succeed in this role, you need strong technical knowledge, design capabilities, material expertise, manufacturing experience, and project coordination skills.

Schwerbehinderte Menschen beziehungsweise gleichgestellte Menschen im Sinne des SGB IX werden bei gleicher Eignung bevorzugt eingestellt.

## Was wir können:



### Kontakt:

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[www.bertrandt.com/karriere](http://www.bertrandt.com/karriere)

### Teilen:

