

## Senior Design Engineer

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Company: AVL Research & Engineering

Location: İstanbul

Category: other-general

### **YOUR RESPONSIBILITIES:**

Responsible for design of powertrain, battery, axle, electronic enclosure or vehicle parts design

Designs powertrain or vehicle components and structures using 3D CAD tools and prepares 2D drawings for manufacturing

Preparation of design reviews

Liaises with relevant teams to support design tasks simulation, component engineers, testing, suppliers and manufacturing)

Resolves design constraints and establishes interfaces (structural, electrical, thermal)

Gives input to BOM activities

Plans and formulates own work flow and that of others to meet specified deadlines with a minimum of supervision

### **YOUR PROFILE:**

Minimum Bachelor's degree in Mechanical, Automotive, Mechatronics or Aerospace Engineering

Minimum 3 years of experience in mechanical design and development of Automotive Powertrain, Battery, E-Axle or Vehicle Parts

PTC Creo Parametric, DS Catia V5 experience

Fluent speaking and excellent writing skills in English (German is a plus)

**Thorough knowledge about at least two of the following:**

Electrical Wiring Harness Design

Engine Components Design

Plastic Parts design

Steel Parts Design

Cooling System Design

Machinery Design

Vehicle Structures Design

Automotive Axle, E-Axle Design

DFMEA

DVP&R

**ABOUT AVL RESEARCH AND ENGINEERING TURKEY**

Established in 2008, AVL Research and Engineering is an engineering center of AVL with two R&D centers in Istanbul-Türkiye that develops mobility solutions with intelligent and advanced technologies, runs national and international R&D projects and serves customers from the Turkish and the global automotive industry.

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