

EVOLUTION OF TECHNOLOGY

The biopharmaceutical market has high growth rates and production capacities for the manufacture of high-quality drugs with increasing demand worldwide. In this challenging environment, the ZETA Group has established itself as a reliable and globally active engineering partner. ZETA designs, builds, automates and qualifies equipment for aseptic liquid production processes in the biotech and pharmaceutical industries. Biopharmaceutical agents such as anticancer agents, insulin, vaccines, infusions and the like are produced on these highly complex "tailor-made" plants. As an international, fast-growing company, ZETA relies above all on its dedicated employees.

Mechanical Design Engineer Level 2

Location: **King of Prussia**

Contract: **Full-time employee**

Start: **As of now**



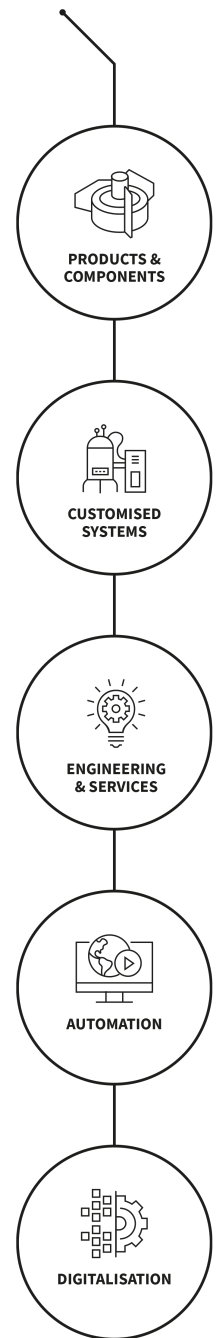
Your tasks

- Responsible for mechanical design of aseptic process equipment and utility systems.
- Interface with internal and external team members.
- Preparation of PFDs and P&IDs, from basic to detailed engineering, installation plans and installation concepts.
- Creation of component specifications and creation of real devices in the engineering software tools.
- Development of valve, instrumentation and piping lists with support from process engineering, E&IC engineering, executive quality and other team members.
- Maintenance of the design data of components utilizing engineering software tools (equipment, fittings, measuring instruments etc.).
- Development of layouts for equipment and piping systems.
- 3D modelling of aseptic process equipment and utility systems in the pharmaceutical sector.
- Holding and organizing design reviews with customers'
- Generation of detailed drawings including isometrics, piping supports, steel frames and special parts)
- Compliance with SOPs, standards and legal regulations
- One time onboarding training in Graz AT for 1-3 months. (Experience level dependent)



Your profile

- Professionally and technically trained mechanical engineer.
 - ABET-accredited; Bachelor's degree in Mechanical Engineering. (Alternate degrees and or work experience considered)
 - Minimum of 2 years' experience in bioprocessing or biopharmaceutical manufacturing industry.
 - Extensive CAD experience (2D/3D) in COMOS, AVEVA-E3D, Cadison, AutoCAD or similar
 - Working knowledge of GMP & GEP procedures and project management.
 - Understanding of design, fabrication, documentation and testing conventions in pharmaceutical/biopharmaceutical industries.
 - Comprehensive knowledge of and skills in MS-Office (especially Excel) and ERP systems experience.
 - Excellent communication skills (written and spoken) in English (German is preferred but not required)
 - A keen sense of responsibility, self-motivation, team spirit, flexibility, accuracy, quality awareness, target orientation and cooperation.
 - Excellent spatial imagination and awareness.
 - Ability to work autonomously and as part of a cross-functional team
- Apply now and become part of the ZETA-Team!**
- Self-assured and comfortable working in customer-facing situations.
 - Ability to travel internationally.



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