

# EVOLUTION OF TECHNOLOGY

ZETA is a globally active solutions provider that supports pharmaceutical and biotech companies in bringing vital medicines – such as insulin, infusions, and cancer treatments – to market faster and more efficiently. As an innovation leader, we combine technical expertise with digital excellence, covering everything from planning and construction to automation and qualification of customized process systems. In addition, we take on full responsibility for complex projects as an EPCMV partner, drive digital transformation, and develop sustainable strategies for decarbonization.

## Mechanical Design Engineer Level 1

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)



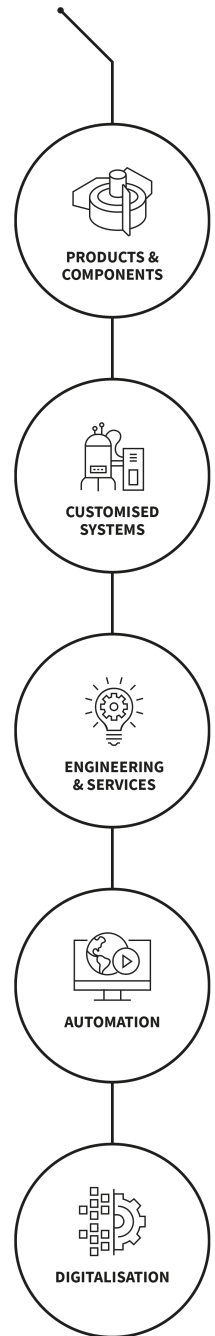
### Your profile

- Professionally and technical 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
- Self-assured and comfortable working in customer-facing situations.

**Apply now and become part of the ZETA-Team!**



Under the motto "Let's Engineer Your Career Together" we are looking forward to receiving your application!



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