

EVOLUTION OF TECHNOLOGY



About Us

ZETA is a global engineering and technology partner serving pharmaceutical and biopharma companies. With over 30 years of experience, we specialize in process engineering, automation, and GMP-compliant systems to help deliver life-saving therapies.

Position Summary

The Senior Process Engineer is responsible for leading process design and engineering activities for ZETA's biopharmaceutical client projects. This role supports the development of process systems including upstream, downstream, blood plasma fractionation, ADCs, and cell and gene therapy applications. The Senior Process Engineer collaborates with cross-functional engineering teams to deliver high-quality, GMP-compliant solutions.

Senior Process Engineer

Location: **King of Prussia**

Contract: **Full-time employee**

Start: **02.03.2026**



Your tasks

- Accountable for delivering the process engineering scope on time, on budget, and in accordance with quality and compliance requirements.
- Prepare and review process engineering documentation, including PFDs, P&IDs, and mass/energy balances.
- Specify and design process equipment such as vessels, mixing systems, filtration skids, and related components.
- Develop User Requirements Specifications (URS) and Functional Specifications.
- Lead and execute start-up and commissioning activities including FAT and SAT.
- Provide process troubleshooting and technical support to internal and external stakeholders.
- Coordinate with automation, mechanical, and project management teams to ensure alignment across engineering disciplines.
- Develop CIP/SIP strategies, including cycle design, testing, and optimization.



Your profile

- Bachelor's degree in Engineering or related technical discipline.
- Minimum 10 years of experience in the Biotech/Pharmaceutical industry.
- Knowledge of GMP requirements and biopharmaceutical process systems.

Preferred Qualifications

- Experience with bioprocess unit operations such as buffer/media prep, upstream, or downstream processing.
- Prior experience supporting capital projects.

Work Environment & Physical Requirements

- Hybrid work model with three onsite days per week at the King of Prussia office.
- Travel up to 30%, including domestic and international assignments as needed for project execution, FAT/SAT, or client support.
- Ability to work in an office, client sites, and manufacturing environments as needed.

Apply now and become part of the ZETA Team!

hrm-us@zeta.com

www.zeta.com

