

April 2, 2025**Project Engineer – Richland, WA****Who We Are:**

[AVANTech, LLC](#) solves some of the most challenging problems in the water industry – from being first responders to the [Fukushima Nuclear Plant](#) meltdown to implementing patented first-of-its-kind technology. We design, fabricate, and maintain operation of water treatment equipment for government, nuclear, and commercial clients. Our projects include industrial water recycling and cleaning up legacy Cold War wastewater at government sites. AVANTech’s goal is to improve the environment around us and support our clients with innovative sustainable water treatment solutions.

Benefits of Working with AVANTech:

- Flexible work hours, including 4-day work week or other schedule options
- Generous paid time off and holidays
- Great opportunity for advancement with a growing company
- Varied insurance offerings with employer matching
- 401(k) savings plan with employer match

Who You Are:

AVANTech is seeking a mid-career **Engineer** to join our team in **Richland, WA**, who can succeed behind the computer or in the fabrication shop. With an appreciation for hands-on work, you will play a critical role in supporting project management, design, testing, and execution of a variety of projects. This role requires experience in project engineering, system design, business development, and the ability to collaborate across departments including Engineering, Manufacturing, and Project Management teams.

A Day in the Life of a Project Engineer:

Our customers trust us to help them develop simple, effective and deployable solutions to their most complex challenges. For that reason, we are seeking a “Project Engineer” in our Richland facility. This person will support our customers in developing and performing scaled tests of equipment and technologies and demonstrating and maturing AVANTech solutions for our customers.

- Assist in project planning, proposal generation, and cost estimation.
- Support system design and development, utilizing AutoCAD and/or Creo for 3D modeling and technical drawings.
- Develop work packages for fabrication and work closely with production teams.
- Ensure compliance with design specifications, industry standards, and project requirements.
- Collaborate with vendors and suppliers to source components and materials.

- Track project progress, manage risks, and ensure timely execution of deliverables.
- Support testing efforts, including writing test plans, executing tests, and validating system performance.
- Provide light design work for modifications and improvements to existing systems.
- Assist in business development efforts by identifying opportunities, supporting proposals, and engaging with potential clients.
- Help customers develop new capabilities and technologies by providing technical expertise and innovative solutions.
- Support testing, validation, and commissioning of systems.
- Communicate with internal teams and external customers to ensure project alignment.

Requirements and Preferred Qualifications:

- Bachelor’s degree in Mechanical Engineering or related field
- 5-10 years of experience in project engineering, design, or related technical roles
- Proficiency in Creo or SolidWorks
- Experience in industrial, government, or nuclear projects a plus
- Strong problem-solving, communication, and organizational skills
- Ability to manage multiple projects and adapt to changing schedules
- Experience in writing test plans and executing testing protocols
- Knowledge of ASME, AWS, and other relevant industry codes preferred
- Business development experience or exposure to client engagement a plus

Additional Requirements:

- All candidates must be able to pass a drug test, pre-employment physical, and background investigation.
- High awareness of safe working practices and procedures.

Job Type: Full-time, salaried, exempt.

Annual Salary Range: \$115,000 - \$160,000 based on experience and skill level.

To Apply: send resume, cover letter, and salary history to: kbell@avantechllc.com

AVANTech is an Affirmative Action/Equal Opportunity Employer