

Why P3

The unique aspect of our business is the mindset of our employees: curious, adventurous, and innovative.

P3 consultants take on early responsibilities with clients in management consulting, diverse technology topics, and scalable IT solutions.

Make a project your project. Openness for new, innovative, and unconventional approaches; short decision paths; respectful cooperation; and fruitful synergies make us a diverse, unbeatable team and successful company - worldwide.



BRANCHE: AUTOMOTIVE / LOCATIONS: DETROIT (MI, USA)

Senior HiL Test Automation Engineer (m/f/d)



Marei Buderath

HR USA

myfuture@p3-group.com

WHAT YOU'LL DO

- Design, develop, and maintain automated frameworks for MIL/SiL/HiL testing.
- Work with the development team to integrate automated tests into the CI/CD pipeline.
- Evaluate and implement the best test automation frameworks, tools, and strategies to meet project needs and scale with the product lifecycle.
- Continuously improve the automation framework to enhance its reliability, performance, and coverage.
- Collaborate with cross-functional teams including developers, QA, and product management to understand requirements and ensure comprehensive test coverage.

WHO YOU ARE

- You have successfully completed your Bachelor's or Master's degree in Mechatronics, or a related field.
- You have 5 + years of experience in software development, testing, or quality assurance (Python, MATLAB, LabVIEW, Test sequencer software, C, C++).
- You have 3+ years of experience as test automation frameworks.
- You bring advanced familiarity with software testing and quality assurance techniques.
- You have excellent knowledge of GitHub and Git Ops workflow.
- You have extensive expertise in automotive communication protocols.
- You display knowledge of ASAM XIL.
- you are familiar with APIs usage and testing.
- You are familiar with the usage and integration of databases into test automation framework.

Join us at

p3-group.com/karriere



Benefits

We offer a competitive salary with bonus potential. / You get up to 20 days PTO and 10 paid company holidays. / You can get healthcare, life insurance, dental & vision, 401(k) matching. / We invest in your growth with mentorship and a strong learning culture. / You contribute directly to advancing innovation in the sectors we operate in. / You'll take ownership of your work and see the direct results of your efforts. / We foster an entrepreneurial spirit—take initiative, own your ideas, and drive