

Application Engineer (gn)

Full-time | Dresden/Munich | Hybrid/On-site | Includes VSOP

HYJOIN is a breakthrough joining technology, rewriting what's possible in manufacturing, design, and sustainability. As a fast-growing, circular deep-tech manufacturing startup with AI-embedded systems & services, we're already moving into series production with industrialization partners — turning technology into real solutions in a matter of months.

As an Application Engineer, you will be at the heart of that journey: managing tests, supporting customers, leading application development, and contributing to our growth as an early founding team member.

Your Mission

You will lead the hands-on development, validation, and optimization of HYJOIN applications — working across lab operations, customer consulting, product adaptation, simulations, CAD prototyping, project coordination, and business development. Your role bridges engineering, customer success, and market strategy, ensuring our technology is robust, scalable, and industry ready.

What You Will Own

Application Testing & Validation

- Plan and execute end-to-end tests: from test requests to lab protocols, product trials, and performance validation.
- Validate functionality and performance in diverse application scenarios.products and solutions to clients.

Customer consulting & support

- Support customers in selecting the right solution for their specific application.
- Present and demonstrate hyJOIN® products and solutions to clients.
- Advise on integrating hyJOIN® into customer projects.
- Assist with installation and commissioning of equipment.
- Troubleshoot technical issues and challenges.
- Prepare technical specifications, guidelines, and instructions.

Product Customisation & Development

- Adapt existing products to meet special customer requirements.
- Collaborate with development and production teams to design new solutions.
- Rapid CAD prototyping: design and iterate fixtures, tooling, and prototypes.
- Run Data & Simulation activities.
- Build and maintain smart databases for process and performance data to accelerate application development.
- Coordinate projects between customers and internal teams.
- Track project progress and ensure timelines are met.

Documentation & Reporting

- Prepare technical reports, manuals, and presentations.
- Document customer requirements, test results, and solutions.

Market & Competitor Analysis

- Monitor industry trends, emerging technologies, and competitor products.
- Provide insights to guide product positioning and development.

Collaboration with Sales & Marketing

- Support the creation of technical proposals and presentations.
- Contribute to marketing materials with a technical focus.
- Participate in trade shows and industry events, presenting HYJOIN solutions and building customer relationships.

R&D & Company Building

- Generate new leads; propose new application ideas and design-for-X strategies.
- Act as a hands-on member of our founding team — shaping culture, systems, and early organizational structures.

What We're Looking For

- Degree in Mechanical Engineering, Industrial Engineering, Materials Science or similar.
- Min. 2-3 years of work experience in application engineering, lab testing, CAD design, and ideally simulation tools.
- Strong skills in customer-facing technical consulting and project coordination.
- Organizational strength for managing lab workflows, projects, and documentation.
- Problem-solving mindset with the ability to work across R&D, sales, and operations.
- Fluent in English; German is a plus.

What We Offer

- An engineering role in a high-potential industrial deep tech company.
- VSOP participation aligned with your impact and contribution.
- Direct collaboration with inventors, R&D partners, and global customers.
- Full ownership over projects with tangible real-world impact.
- Hybrid work model with access to a fully equipped Tech Lab.
- A team that values initiative, curiosity, fun and execution.