

Application Engineer (应用工程师)

Company: **JD Union Pte Ltd**

Location: #07-06, 8 Boon Lay Way, Tradehub 21, Singapore 609964

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Company Profile:

JD Union Pte Ltd is a trusted leader in photonic products for laser material processing. We work with top suppliers to develop and test customized laser solutions in our own application lab. For more than 10 years, we've been the one-stop partner for system integrators—from MNCs to SMEs—delivering fast responses, expert support, and lasting partnerships that add value across the supply chain.

Job Description:

Join us as an **Application Engineer** and be part of an exciting journey in the photonics and laser industry! You'll drive innovation by developing and optimizing laser processes for a wide range of applications. Working together with customers, suppliers, and our in-house engineering teams, you'll turn ideas into cutting-edge industrial solutions that make an impact.

Responsibilities:

- Develop and test laser applications for cutting, marking, engraving, welding, and surface texturing.
- Perform process feasibility studies and trials on customer materials.
- Optimize laser and system parameters to maximize quality, throughput, and efficiency.
- Support the integration of lasers with optical, motion control, and automation systems.
- Prepare technical reports, presentations, and demonstrations for customers.

Requirements:

- Bachelor's degree in electrical engineering, materials science, physics, or a related field.
- Interest or experience in laser micro-processing and its applications.
- Strong hands-on problem-solving skills.
- Knowledge of optics, mechatronics, or automation is a plus.
- Relevant coursework in photonics, optics, or advanced manufacturing is preferred.

We Offer:

- **Competitive Compensation & Benefits:** A comprehensive package including base salary, Annual Wage Supplement (AWS), performance bonus, and long-term incentives (LTI).
- **Extensive Benefits:** Full compliance with local regulations, plus comprehensive allowances for medical, transport, and mobile expenses, and complete insurance coverage.
- **Specialized Training:** Systematic, hands-on training in photonics applications using the latest laser and optical technologies.
- **Excellent Environment:** Modern, spacious office and lab facilities located near NUS, designed to inspire innovation.
- **Supportive Culture:** A collaborative team environment that values every idea and supports your professional and personal well-being.