

Field Application Engineer

About Seoul Robotics

Seoul Robotics is an autonomous driving company with a mission to solve first and last-mile logistics challenges, backed by a team of industry experts from Google, NVIDIA, Coupang, Continental, Porsche, Hyundai and GM.

This position offers a great opportunity to advance your professional career in the cutting-edge autonomous robotics industry, where AI/ML is embedded at the core of the product.

With members from over 10 different countries, you have the chance to work in a unique international environment in the heart of Seoul, where English is our primary language.

Our global clients provide opportunities to work overseas in various areas in Asia and the US.

[Our Story and Technology]

- Powering the Future of Autonomy with LV5 CTRL TWR (YouTube [LINK](#))
- Media (Chosun Biz [LINK](#), PR Newswire [LINK](#))

[Our Principles]

- Add Value
- Earn Trust
- Own Your Job
- Keep Growing
- Respect Diversity

About the Role

We're seeking an experienced Field Application Engineer to bridge the gap between our cutting-edge autonomous vehicle technology and our clients. This role combines hands-on technical implementation with client-facing responsibilities, ensuring successful deployment of our LiDAR-based autonomous driving systems.

Key Responsibilities

- Define with client sensor layout and network architecture for autonomous vehicle operation.

- Collaborate with project team to define technical implementation strategy and timeline
- Manage contractors and deploy the software system at client location
- Test and commission the system to ensure proper functioning
- Produce deployment-related technical documentation
- Provide training and support to our international clients on using our products
- Troubleshoot and investigate clients requests and escalate in line with internal organization
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System Planning & Design

- Conduct comprehensive site surveys to determine optimal sensor placement and autonomous vehicle operating zones.
- Collaborate with cross-functional teams to develop technical implementation strategies, including:
 - LiDAR sensor array design and placement.
 - Electrical and network infrastructure planning.
 - Control system cabinet design.
 - Bill of Materials.
- Coordinate with project managers to establish timelines and ensure alignment with client requirements.

Implementation & Deployment

- Create detailed deployment documentation and guidelines.
- Manage end-to-end system preparation, including:
 - Software installation and configuration.
 - Hardware integration and testing.
 - Quality assurance verification.
 - Deployment logistics coordination.
- Execute on-site system installations, including:
 - Sensor mounting and calibration.
 - Network infrastructure setup.
 - Control room integration.
 - Software configuration.
- Conduct thorough system validation and acceptance testing with clients.

Documentation & Reporting

- Maintain accurate records of installation procedures, system configurations, and technical issues for future reference.
- Create post-deployment reports that outline system performance and suggest improvements.

Client Support & Technical Leadership

- Provide responsive technical support through both on-site visits and remote assistance.
- Lead client training sessions on system operation and maintenance.

- Troubleshoot complex technical issues and implement solutions.
- Support clients with system upgrades and optimizations as required.

Required Qualifications

- Bachelor's degree in Electrical Engineering or related engineering field (or equivalent practical experience).
- 3-5 years' experience deploying complex technical systems in field environments.
- Demonstrated expertise in:
 - System integration and commissioning.
 - Technical problem-solving and troubleshooting.
 - Project documentation and technical writing.
- Very strong communication skills with ability to:
 - Explain complex technical concepts to diverse audiences (both technical and non-technical).
 - Coordinate effectively with international teams.
 - Build strong client relationships.
- Language Requirements:
 - Fluent Korean.
 - Business-level English proficiency.
- Strong attention to detail and proven ability to manage multiple projects in a fast-paced environment.
- Valid driver's license.

Preferred Qualifications

- Experience with:
 - Network architecture and IT infrastructure.
 - LiDAR technology and sensor systems.
- Experience working with automotive OEMs.

Growth Opportunities

- Develop further expertise in cutting-edge LiDAR and autonomous vehicle technologies.
- Work directly with major automotive manufacturers on groundbreaking projects.
- Take on increasing technical leadership responsibilities.
- Contribute to the future of autonomous transportation.

Physical Requirements

- Ability to lift and handle equipment up to 25 kg.
- Comfortable working at heights and in various weather conditions.
- Willing to travel up to 50% of time (domestic and potentially international).

Recruitment Process

Application Review - Hiring Manager Review - **Phone Screening - Assignment - Tech Interviews - CEO Screening** - Reference Check - Offer

(Please be aware that the recruitment processes & schedules may be changed depending on the job and/or other circumstances)

How to apply

Please submit your English resume to the link below.

<https://job-boards.greenhouse.io/seoulrobotics/jobs/5105036008>

Seoul Robotics stands for an open and respectful corporate culture because we believe diversity helps us to find new perspectives.

Seoul Robotics ensures that all our members have equal opportunities – regardless of age, ethnic origin and nationality, gender and gender identity, physical and mental abilities, religion and belief, sexual orientation, and social background. We always ensure diversity right from the recruitment stage and therefore make hiring decisions based on a candidate's actual competencies, qualifications, and business needs at the point of the time.

Please feel free to contact us via our talent acquisition team e-mail if you have any questions.
[Seoul Robotics Talent Acquisition e-mail: talent@seoulrobotics.org]