AVM V&V Lead / Delivery Manager

Zurich, Switzerland

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with focus on private ground applications such as trucks at port terminals and passenger cars in factories. We are delivering safe autonomous transportation by leveraging our safe AI technology.

We are seeking a V&V Lead / Delivery manager for our Autonomous Vehicle Marshaling (AVM) System Team to guide the development of tests and verification process and coordinate the system releases. This is a high-impact role based at our headquarters in Zurich. As an AVM V&V Lead / Delivery Manager, you will take ownership of the full AVM system verification & validation and lead the engineering team to deliver high-quality, safety-critical systems. Your role will involve verification of the system for safety and security and to ensure that the system and software meet the high demands of performance and reliability. You will be responsible for the system release coordination and ensuring proper testing, verification, and documentation at system level.

We offer an exciting role in a fast-growing company with attractive conditions and flexible hours. Embotech develops innovative products in a modern and dynamic environment, and you can expect an international atmosphere, with highly skilled colleagues with a passion for excellence and efficiency. We are looking for highly motivated people to help us solve one of the most complex challenges of today and take our company to the next level.

Responsibilities:

- Lead the development of system level tests as well as the planning and execution of system-level releases for autonomous driving, ensuring successful deployment across multiple sites while accommodating a range of diverse use cases and feature requirements.
- Manage and contribute to the full system release lifecycle, including managing change requests, version control, coordinating integration, tracking validation, delivering documentation, and overseeing deployment activities.
- Manage system verification, from test cases definition to test execution and reporting.
- Driving the V-Model development lifecycle, ensuring compliance with security / safety requirements and standards.
- Ensuring rigorous documentation throughout the lifecycle, including requirements, design, test instructions, changelogs and release notes.
- Maintain a transparent and structured release calendar; clearly communicate progress, risks, and decisions to stakeholders.
- Facilitate Go/No-Go meetings, release readiness reviews, and retrospectives.
- Ensure traceability and documentation of all changes, configurations, validation results, and approvals.
- Manage execution of tests with operators and engineering team.
- Documentation of test results and looping back problems to technical teams.
- Define testing and documentation processes.

Requirements:

Must-have qualifications:

- Master's degree in Computer Science, Software Engineering, Systems Engineering, Mechanical Engineering, Robotics, Medical Engineering, Aerospace Engineering, or another relevant technical field.
- Interest in systems & system engineering, software development lifecycle knowledge.
- 5+ years of experience in system release, verification & validation, or software delivery within complex engineering environments.
- Deep knowledge of testing according to ISO 26262, ISO13849 or IEC61508.
- Solid understanding of Agile development and system integration workflows.
- Self-driven team player with hands-on mentality.
- Excellent and proven organizational, communication, and stakeholder coordination skills.
- Fluency in spoken and written English.
- JIRA, GitHub, Codebeamer (or other ALM) knowledge.

Nice-to-have qualifications:

- IT Security of industrial systems.
- Robotics algorithms and communication protocols.
- Mechanical and electrical design.
- Networking and Linux development.
- Knowledge of real-time and distributed systems.
- German language skills.

This is a permanent position based in our Zurich office. Our preferred starting time is ASAP.

We look forward to receiving your portfolio, CV, and availability to **careers@embotech.com**.

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