



[No Japanese Required] QA Engineer – Energy Management System

Job Information

Recruiter

United World Inc

Job ID

1591027

Industry

Petrochemical, Energy

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

4 million yen ~ 10 million yen

Refreshed

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General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

[Quality Assurance and Testing]

- Develop and execute testing strategies for grid-scale battery storage systems
- Design and implement API testing for market integration systems (JEPX, EPRX, OCCTO)
- Perform integration testing between EMS and battery systems
- Design tests for real-time control systems (response validation in seconds-to-minutes ranges)
- Validate batch processing and data flows
- Design and automate regression testing
- Analyze root causes of system failures and implement preventive measures

[Test Automation and Process Improvement]

- Integrate automated testing into CI/CD pipelines
- Explore and implement AI-assisted testing optimization
- Improve test coverage and visualize quality metrics
- Propose improvements across the entire development lifecycle

[Collaboration]

- Work closely with development teams (backend, edge systems, infrastructure)
- Participate in specification reviews and provide feedback

- Monitor production environment quality in collaboration with operations teams
 - Coordinate quality standards with external vendors
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Required Skills

Must Have

- 3+ years of experience as a Software QA Engineer
 - Experience designing and executing tests for web applications or backend systems
 - Experience testing API-integrated systems
 - Experience creating and managing test plans
 - Experience working with development teams in Agile environments
- *Japanese skills not required

Nice to Have

- QA experience involving edge devices
- Experience testing real-time systems or streaming data processing
- Experience implementing test automation frameworks (Playwright, Selenium, etc.)
- Experience operating automated tests within CI/CD pipelines
- Experience or strong interest in AI-assisted testing optimization
- QA experience in high-reliability industries such as energy or finance
- Experience designing and executing performance and load testing
- JSTQB certification

Ideal Candidate Profile

- Able to design test strategies with an understanding of business operations and system usage
 - Believes quality should be built throughout the entire development lifecycle
 - Able to clearly explain technical challenges to non-engineers
 - Comfortable working in a fast-paced startup environment
 - Motivated to contribute to mission-critical social infrastructure systems
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Company Description