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Frontend Tech Lead Driving Large-Scale E-Commerce UX

Frontend Tech Lead, E-Commerce

Job Information

Recruiter[Michael Page](#)**Job ID**

1590083

Industry

Software

Job Type

Temporary

Location

Tokyo - 23 Wards

Salary

6 million yen ~ 8 million yen

Refreshed

April 29th, 2026 08:00

General Requirements

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

Basic

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

This role leads the design, development, and optimization of frontend systems for a large-scale online marketplace used by tens of millions of users. You will combine hands-on engineering with technical leadership to deliver high-performance, reliable, and user-centric web experiences.

Client Details

Our client is a **major consumer internet and e-commerce platform in Japan**, operating one of the country's largest online marketplaces. The organization delivers high-traffic digital services and continuously evolves its UI/UX and system performance to support large-scale campaigns and peak traffic events.

Description

- Understand business priorities and deliver high-quality frontend services within tight schedules
- Lead projects for assigned services, resolving technical challenges and guiding implementation
- Design, develop, test, and release new features as well as enhance existing functionality
- Maintain, monitor, and troubleshoot frontend services, including bug fixes and incident handling
- Drive system improvements such as refactoring, performance optimization, and architectural enhancements
- Evaluate and introduce appropriate technologies and frontend architectures

- Measure load and performance, and implement improvements for scalability and stability
- Produce clear documentation including design specifications and test cases
- Collaborate with global stakeholders using English in day-to-day communication

Job Offer

- Opportunity to lead frontend engineering for a mission-critical, high-traffic platform
- Technically challenging environment with real-world performance and scalability demands
- Collaboration with experienced engineers in a global, English-speaking context
- A role combining hands-on development with technical leadership and influence

To apply online please click the 'Apply' button below. For a confidential discussion about this role please contact Serena Wu on +81 3 6627 6137.

Required Skills

Required Skills & Experience

- 5+ years of frontend development using **HTML, CSS, and JavaScript**
- 5+ years of frontend development using **React, Redux, and TypeScript**
- Experience developing and maintaining **unit tests, E2E tests, and integration tests**
- Hands-on experience with JavaScript testing frameworks (e.g. Jest, Intern, WDIO)
- Strong coding and code review skills with a focus on **performance, maintainability, and security**
- Experience consuming **Web APIs** (REST, JSON, CORS)
- Understanding of **parallel and asynchronous processing** (AJAX, Promise, WebWorkers, WebSockets)
- Investigation and operational experience in **Linux environments**
- Experience with **software configuration management** (Git, Jenkins, etc.)
- DevOps and system operation experience including analysis and remediation
- Strong documentation skills (design documents, test cases, specifications)
- **Business-level English communication skills**

Preferred Skills

- Proactive mindset with the ability to identify issues and drive solutions independently
 - 3+ years of development team leadership, project leadership, or tech lead experience
 - Ability to design frontend architecture from scratch
 - Experience with **Agile development** methodologies
 - Experience using **ESLint**
 - Exposure to **public cloud environments** (e.g. GCP)
 - Interest in leveraging **AI technologies** to improve development processes and services
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Company Description

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