

## Senior Front-End Tech Lead - Build High-Traffic E-Commerce UX

### Senior Front-End Lead - E-Commerce

#### Job Information

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

1593000

**Industry**

Software

**Job Type**

Temporary

**Location**

Tokyo - 23 Wards

**Salary**

6 million yen ~ 8 million yen

**Refreshed**

May 21st, 2026 11:00

#### 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 front-end basic design and technical decision-making for a large-scale consumer e-commerce marketplace used by millions. You'll translate UI/UX vision into performant, maintainable React/TypeScript experiences while driving reliability, monitoring, and continuous improvement.

**Client Details**

Our client is a leading, large-scale consumer internet and e-commerce marketplace in Japan, operating mission-critical web services that must remain fast and stable even during peak campaign events. The engineering environment values measurable UI/UX improvements, strong technical leadership, and modern front-end practices.

**Description**

As a senior-level front-end lead, you will:

- Act as a core project member, delivering design, development, testing, and release for new or existing features
- Translate UI/UX wireframes into high-quality, production-ready code and visual experiences
- Bridge design, user requirements, and technical constraints-owning both "how it looks" and "how it works"

- Make technical decisions under complex conditions for large-scale, high-traffic systems
- Build reusable, flexible, high-performance components and libraries for future use
- Drive system improvement initiatives (refactoring, architecture selection, performance measurement and tuning)
- Optimize front-end performance (e.g., JavaScript performance profiling and improvement)
- Maintain services through monitoring, troubleshooting, bug fixing, and incident reporting in production
- Collaborate closely with designers, backend engineers, and stakeholders to deliver at speed with quality
- Create/maintain documentation such as design documents and test cases
- Apply AI knowledge/tools to improve development efficiency and service quality (e.g., coding assistants, MCP servers)

### Job Offer

- Work on a high-scale, consumer-facing e-commerce platform where performance and reliability truly matter
- Ownership of front-end architecture, optimization, and technical direction in a senior capacity
- Collaboration with UI/UX specialists and cross-functional engineering stakeholders
- Strong engineering culture focused on continuous improvement (hypothesis → validation → analysis → systematization)

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.

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### Required Skills

#### Must-have experience and skills

- 3+ years' experience as a technical lead (architecture design for high-traffic web systems, technical decision-making)
- Proactive problem-solver who can identify issues, propose solutions via root-cause analysis, and execute
- Strong ability to design front-end architecture from scratch:
  - Component-oriented design, state management, design systems, UX principles
  - Performance optimization and web delivery/infrastructure concepts (e.g., CDN)
- Hands-on production experience:
  - Service monitoring, troubleshooting, and reporting in live environments
- 5+ years of front-end development with **HTML / CSS / JavaScript**
- 5+ years using **React / Redux / TypeScript**
- Testing expertise:
  - Unit tests, E2E tests, and integration testing (development + maintenance)
  - JavaScript unit testing tools such as **Jest / Intern / WDIO**
- Strong engineering discipline: performance, maintainability, and security-focused coding and reviews
- Web API integration experience: **REST, JSON, CORS**
- Solid understanding of parallel/asynchronous processing: **AJAX, Promise, WebWorkers, WebSockets**
- Linux investigation/operations experience
- Configuration/build management experience: **Git, Jenkins** (or equivalent)
- DevOps/operations mindset (investigation, analysis, improvement)
- Documentation skills (design docs, test cases)
- **Business-level English communication** (e.g., TOEIC 800+ equivalent)
- Japanese language: **Not required**

#### Nice-to-have

- Waterfall project management experience (scale: 5+ person-months)
- Agile development experience
- ESLint experience
- Public cloud exposure (e.g., GCP or similar)

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