



# ISSARA INSTITUTE

## Job Description | Senior Technical Architect

Organization name: Issara Institute  
Job Title: Senior Technical Architect  
Responsible to: Director of Impact and Innovation  
Duty Station: Bangkok, Thailand and remotely  
Duration: 6 months  
Apply by: Please send applications to [admin@issarainstitute.org](mailto:admin@issarainstitute.org)

### Background

Issara Institute is an independent non-profit organization based in Asia and the United States tackling human trafficking and forced labor from the lens of business and human rights. The Institute was established in 2014 by a team of anti-trafficking experts coming out of the United Nations who created an alliance of private sector, civil society, and government partners committed to transformational, sustainable, worker-driven approaches to labor issues, especially those occurring in global supply chains. It is staffed by leading regional and international experts in labor rights, business and human rights, and research and technology.

We believe that, together, we can transform the lives of tens of millions of workers through worker voice, partnership, and innovation – that sustainable systems driving more ethical labor recruitment and working conditions are vital to the future of workers individually and collectively, to equity and fairness across supply chains, and to sustainable poverty alleviation efforts.

### Position Summary

We are seeking an experienced Senior Technical Architect to join our dynamic team. The ideal candidate will be a visionary leader and passionate technologist with a deep understanding of software architecture and system design. You will be responsible for defining the technical vision, strategy and technical roadmap for our product portfolio, aligned to our business strategy.. This role requires a blend of hands-on technical expertise, excellent communication skills, and the ability to mentor and guide engineering teams.

### Key Responsibilities:

- **Architectural Leadership:** Lead the design and implementation of complex, B2C and B2B software systems. Define and enforce architectural standards, best practices, and design patterns across the organization.
- **Technical Strategy:** Develop and maintain a technical roadmap for new and existing projects, aligning it with business goals and product strategy. Identify and evaluate new technologies, tools, and platforms to improve efficiency and innovation.
- **System Design & Review:** Conduct architectural reviews of existing and new systems. Collaborate with managers and directors, the tech developers team, and other

stakeholders to translate business requirements into robust and scalable technical solutions.

- **Mentorship & Guidance:** Act as a technical mentor and a subject matter expert for tech developers team members. Provide guidance on complex technical challenges, promote a culture of technical excellence, and help upskill team members.
- **Cross-Functional Collaboration:** Work closely with cross-functional teams, including managers and directors, DevOps, and tech developers, to ensure seamless integration and deployment of solutions.
- **Problem Solving:** Troubleshoot and resolve complex technical issues, providing expert-level support to development teams.
  
- **Strategic Impact:** This role is critical for ensuring the long-term technical health and scalability of our products. The Senior Technical Architect will act as a strategic partner to senior leadership, helping to make informed technology investments and mitigate future technical debt.
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#### **Qualifications:**

- **Experience:** 5+ years of experience in a senior technical leadership role
- **Education:** Bachelor's or Master's degree in Computer Science, Software Engineering, or a related field (or equivalent practical experience).
- **Technical Expertise:**
  - Proven experience designing and building large-scale, distributed systems using microservices architecture.
  - Deep understanding of AWS and containerization technologies (e.g., Docker, Kubernetes).
  - Proficiency in at least one or more of the following programming languages: JavaScript, Python, Django, TypeScript, JSX).
  - Familiarity with CI/CD pipelines, DevOps practices, and infrastructure as code (IaC).
  - Solid grasp of security principles and best practices for system design.
- **Soft Skills:**
  - Exceptional communication and presentation skills, with the ability to articulate complex technical concepts to both technical and non-technical audiences.
  - Strong leadership and influencing skills, with a track record of mentoring and guiding technical teams.
  - Excellent problem-solving and analytical abilities.
  - Ability to manage multiple priorities in a fast-paced, agile environment.