Senior Software Engineer, Backend - (English) (～12M)

Global, Remote, Flextime, AI Technology

Job Information

Recruiter
iWill Capital G.K.

Job ID
1530360

Industry
Software

Company Type
Large Company (more than 300 employees) - International Company

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
8.5 million yen ~ 12 million yen

Refreshed
April 16th, 2025 07:00

General Requirements

Minimum Experience Level
Over 6 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

Recruitment Background

We operate a cloud-based system that supports digital transformation centered on the use of drawings, which are the most essential data in the manufacturing industry.

Launched in 2022, it is a groundbreaking product that uses technologies such as machine learning to structure and link critical design data, considered vital in the manufacturing sector. This innovation transforms this data into valuable informational assets. Already, we have received significant adoption from leading domestic manufacturing companies and machining firms. In 2023, we expanded our sales efforts to international markets, including the United States and Vietnam.

Our vision for the future is to replicate and consolidate manufacturing expertise through technology, extending beyond blueprints to achieve holistic optimization across departments and companies. We aspire to transform our customers'

workstyles and cultures, ultimately driving a revolution in the entire manufacturing industry. To help us shape such a world, we are looking for new members to join our team.Job Responsibilities

- Leading system requirements definition and domain modeling -Designing the overall architecture of backend systems -Selecting and evaluating technologies such as middleware and frameworks (*These are not the only responsibilities included in this role.)

  Development Environment

- Frontend:TypeScript,React,Next.js
- Backend:Rust(axum),TypeScript,Node.js(Express,Fastify,NestJS)
- Machine Learning・Algorithm:Rust,Python,OpenCV,PyTorch,TorchServe,Elasticsearch,Vertex AI
- Infrastructure:Google Cloud,Google Kubernetes Engine,Anthos Service Mesh,Istio,Cloudflare,Argo Workflows
- Event Bus：Cloud Pub/Sub
- DevOps：GitHub,GitHub Actions,ArgoCD,Kustomize,Helm,Terraform,Datadog,MixPanel,Sentry
- Data:CloudSQL(PostgreSQL),AlloyDB,BigQuery,dbt,trocco
- API:GraphQL,REST,gRPC
- Authentication:Auth0
- Other tools:GitHub Copilot,Figma,Storybook
- Communication:Slack,Discord,JIRA,Miro,Confluence
- Selection Process

- Document screening
- Coding test & Writing Sample
- Technical interview (Engineer)
- HR interview *This stage does not involve selection criteria; it serves as an opportunity to align on conditions and clarify any questions regarding the selection process.
- Final interview (CTO)
- Offer interview *Please note that, depending on the situation, additional interviews or discussions may be proposed. *If desired, we can arrange casual interviews with employees even during the selection process. Please feel free to consult with us. *The average time from application to offer is about one month, but if you are in a hurry, please let us know. We will do our best to adjust the schedule to fit your job search timeline.

Required Skills

Qualifications

(1) Experience in leading development with technical expertise We envision candidates with experience in the following areas (though it is not necessary to have experience in all of them):

- Leading architectural design
- Making decisions on programming languages, frameworks, and libraries by comparing their pros and cons from both technical and business perspectives, incorporating personal experience
- Conducting technical evaluations, particularly in areas such as logging, monitoring, and user event tracking Developing services involving asynchronous jobs, especially building the job infrastructure independently
- Driving solutions for productivity challenges through technology, such as: Establishing CI/CD pipelines (especially involving Docker), Standardizing coding guidelines and supporting their implementation, Introducing schema-driven development practices

(2) Experience solving challenges in product or project delivery We envision candidates with experience in the following areas (though it is not necessary to have experience in all of them):

- Leading and successfully completing projects involving multiple stakeholders
- Planning development schedules, defining requirements, creating timelines, and managing progress
- Driving solutions for development process challenges, such as: Establishing robust testing processes Introducing Scrum practices to the team

*Notes on (1) and (2) While we prefer candidates who possess both sets of skills, the balance between the two will be assessed throughout the hiring process (document review and interviews) to determine potential success within our company. We place a strong emphasis on individuals who do more than simply execute assigned tasks or solutions. Instead, we value those who proactively identify appropriate challenges and work towards solutions while navigating various constraints, including business, organizational, technical, and cost factors.

(3) Business-level English proficiency *team communication is mainly in English.

Preferred Qualifications

*While not specifically required, tell us if you have any of the following.

- Experience in backend development and operation of web applications using statically typed languages (highly recommended)
- Development experience in Docker-native infrastructure environments (highly recommended) Experience leading improvements in development processes based on Scrum or Agile methodologies
- Experience in designing and developing large-scale systems spanning multiple teams
- Development experience based on domain-driven design
- Development experience with strongly statically typed or functional programming languages such as Rust or Scala

- Experience in designing, developing, and operating microservices
- Experience developing web applications with a focus on security
- Conversational-level Japanese proficiency(Japanese Language Proficiency Test N2 or above is a guideline; external communication is a mix of Japanese and English).

Portrait of a person

We want to work with individuals who have this kind of mindset.

- Individuals who understand our mission "Unleash the potential of manufacturing".
- Individuals who can confront essential challenges and take action with a sense of ownership to resolve them.
- Individuals who can perform their duties with a positive attitude and constructive discussions in fast-changing and highly uncertain situations.
- Individuals who can communicate and discuss with a respectful attitude, considering the context and resolution of others.

Company Description