Bilingual Full stack engineer @ AI Printing company

Cliff and Vesting stock option

Job Information

Recruiter
PROGRE Ltd

Hiring Company
early-stage global startup building a platform for the customize

Job ID
1618659

Industry
Internet, Web Services

Company Type
Small/Medium Company (300 employees or less)

Non-Japanese Ratio
About half Japanese

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
6 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 (Amount Used: English usage about 75%)

Minimum Japanese Level
Business Level

Minimum Education Level
Technical/Vocational College

Visa Status
Permission to work in Japan required

Job Description

This is not a role where you simply take over an existing codebase or work within a narrowly defined technical area.

You will have the opportunity to own the product lifecycle end-to-end—from understanding business requirements and defining specifications to architecture, implementation, deployment, and operations.

Our product covers the entire workflow from:

Ordering → Design → Payment → Manufacturing → Logistics

You will work across these areas and help determine how the system should be designed as we scale globally.

Because our current product was initially developed during the MVP phase with external development partners, you will also have the opportunity to **review, redesign, and rebuild existing components when necessary** .

What You Will Do

Full-Stack Product Development

- Design, develop, and operate product features across the frontend, backend, and infrastructure.
- Take end-to-end ownership of business workflows spanning ordering, payment, manufacturing, and logistics.
- Build scalable systems that can support CUSTA's global expansion.

Architecture & Technical Decision-Making

- Participate in designing the overall platform architecture.
- Make decisions regarding technologies, system design, and technical trade-offs.
- Review existing architecture and determine when components should be redesigned or rebuilt.

AI-Native Development

- Use AI coding tools such as **Claude Code, Cursor, GitHub Copilot, and Gemini** as part of your daily development workflow.
- Help define what should be delegated to AI and what should remain under human architectural and engineering control.
- Establish engineering guardrails such as typing, testing, code review, and development standards.

Product & Business Collaboration

- Work closely with the CEO, Product Managers, designers, and business teams.
- Participate in product and feature definition from an early stage.
- Translate business and operational challenges into technical solutions.
- Collaborate with manufacturing partners and the Malaysia-based team.

Engineering Organization Building

- Help establish engineering processes and development workflows from the ground up.
- Contribute to building a highly productive, AI-native engineering culture.
- As the team grows, there may be opportunities to take on technical leadership responsibilities.

Development Process

- Agile development process
- 1-week development sprints
- Product priorities and project structures are defined on a quarterly basis
- Close collaboration with Product Managers and designers
- Engineers are encouraged to proactively propose technical approaches that create business value

Tech Stack

Languages

- TypeScript
- Node.js
- Ruby

Frameworks & Libraries

- Vue.js
- Nuxt.js
- NestJS
- GraphQL
- Tailwind CSS
- Ruby on Rails

Database & Storage

- MySQL
- Amazon Aurora
- ElastiCache
- Amazon S3

Infrastructure

- AWS
- ECS Fargate
- Lambda
- AWS CDK
- SQS
- Supabase
- Terraform
- Docker

Monitoring & SRE

- Datadog
- Sentry
- CloudWatch

CI/CD & API

- GitHub Actions
- CircleCI
- Postman
- Swagger / OpenAPI

AI & Development Tools

- GitHub Copilot
- Cursor
- Claude
- Gemini

Design & Collaboration

- Figma
- Slack
- Notion
- GitHub Wiki

Required Skills

Required Qualifications

- Professional experience developing products as a **Full-Stack Engineer**
- Hands-on experience implementing both frontend and backend systems
- Experience with **TypeScript or React** / **Next.js**
- Experience using AI coding tools such as **Claude Code, Cursor, GitHub Copilot, or similar**
- Basic knowledge of databases, networking, and security
- Japanese JLPT N2 level and business level English skill

Preferred Qualifications

- Experience with **NestJS, GraphQL, or Prisma**
- Experience building and operating infrastructure on **AWS**
- Experience implementing LLMs, AI agents, RAG, or other generative AI technologies into products
- Experience as a Tech Lead or leading engineering projects
- Experience developing products at an early-stage startup or during a new business launch
- Business-level English communication skills
- Experience working with international teams

Who We Are Looking For

We are looking for someone who:

- Is excited about building a global startup from an early stage
- Enjoys taking ownership and making technical decisions independently
- Wants to work across the entire product development lifecycle
- Is highly interested in both business and technology
- Enjoys solving real-world operational problems through technology
- Is comfortable working in an environment where requirements and organizational structures are still evolving
- Continuously learns new technologies and actively experiments with AI development tools
- Is willing to work hands-on and move quickly in a startup environment
- Shares our values:

Company Description