

FullStack Engineer（ Satellite Opearation Planning ）

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Job Information

Recruiter
JAC Recruitment Co., Ltd.

Hiring Company
株式会社Synspective

Job ID
1622784

Industry
Machinery

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
5.5 million yen ~ 9 million yen

Work Hours
09:00 ~ 18:00

Holidays
【有給休暇】有給休暇は入社時から付与されます 入社時点で5日付与されます。 ※入社初年度は入社月によって付与数が変動し、最大1…

Refreshed
November 12th, 2026 15:02

General Requirements

Career Level
Mid Career

Minimum English Level
Fluent Level

Minimum Japanese Level
Native Level

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

【求人No NJB2425455】
■担当業務
In this position you will join the Satellite Operation Planning Unit within the Data Production Department which is responsible for developing and operating the Spacecraft Control Subsystem for our small SAR satellite constellation the StriX series. The Spacecraft Control Subsystem is a core component of our satellite operations and our top priority is to ensure that the system operates reliably at all times.

■具体的な業務内容_Details of work
As the Spacecraft Control Subsystem is an in house system we are not only responsible for its development but also its

ongoing operation and enhancement. The Spacecraft Control Subsystem is responsible for creating operational plans for our satellites generating command sequences and calculating essential mission critical data ranging from orbit propagation and satellite telemetry to mission planning parameters to support the daily operational workflow.

In this position you will join the Satellite Operation Planning Unit responsible for the development and operation of the Spacecraft Control Subsystem. Your primary focus will be on developing and enhancing the user facing web interface and visualization tools used by our operators to manage satellite missions. You will work closely with our mission planning backend development and satellite operation teams to translate complex flight dynamics and operation planning data into intuitive dashboards and interactive tools ensuring that our teams can understand satellite operation plans and manage daily operations.

■仕事の魅力_Selling points of this role
We are already operating several satellites in orbit and with our fleet expected to grow rapidly the Spacecraft Control Subsystem is more critical than ever. In this role you will do more than just maintain the system; you will be instrumental in evolving its architecture and user experience.

As we strive to achieve greater operational efficiency you will have the unique challenge of reducing manual intervention through better design and automation. By developing the critical interfaces that our operators use daily you are directly shaping the human in the loop experience.

You will be working at the core of our business interfacing between the data platform and our mission critical processing subsystems. You will have a direct impact on our operational capability・every dashboard visualization tool and interface improvement you deliver will directly contribute to the safety speed and usability of our satellite mission planning process.

Required Skills

■必須要件_Essential qualifications
Cloud Architecture
・At least 3 years of experience in system development on GCP or AWS.
Frontend Development
・Strong experience in modern frontend development（e.g. React Vue.js）including UI testing strategies.
・Proficiency in TypeScript/JavaScript.
・Proven experience building interactive data visualizations or dashboards.
Backend Development（Golang）
・Strong background in Go for backend services.
・Experience building gRPC or RESTful APIs within a microservices architecture.
・Deep understanding of concurrency patterns and software architecture（e.g. Clean Architecture）.
Integration Collaboration
・Experience designing and connecting full stack applications（connecting frontend interfaces to backend data services）.
・Experience working in a development team of 3 or more members.
Communication On site Presence
・Comfortable communicating in English（written and spoken）.
・Able to commute to our Tokyo head office 2・3 days per week.

■歓迎要件_Preferred qualifications
・Experience in UI/UX design or creating internal operational tools.
・Understanding of WebGL or charting libraries（e.g. D3.js Deck.gl）for satellite visualization such as generating satellite ground track from its orbit parameters（e.g. Two line element）.
・Comfortable communicating in Japanese both written and spoken.

Company Description

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