

Frontend & Qubic Integration

Project Overview, User Journey & System Interaction

Project Overview

The core purpose of the frontend is to provide a seamless, secure, and interactive bridge between the user and our advanced AI agents.

- 📦 **Key Responsibilities:** Managing complex state, user sessions, and interactive task workflows.
- 🤖 **AI Interaction:** Direct, real-time communication with the Backend & Qubic AI framework.
- 🛡️ **Security:** Implementing robust protocols for secure data transmission and user authentication.



Frontend Responsibilities



User Access

- Authentication(Login/Signup)
- Session Management Profile
- Security



Interface Core

- Chat / Task
- Workflow Dashboard
- Input Validation



System Logic

- Real-time Status Updates
- API Gateway Communication
- Error Handling

How Frontend Works With Qubic



Frontend

Initiates Task
Sends Request



API Gateway

Routes Traffic
Validates Token



Backend

Process Logic
Prepare Context



Qubic

Executes Agent
Returns Result



Features: Real-time response handling & Transparent logs display

User Journey (Simple Flow)

- ✓ **1. User Login:** Secure entry to the platform.
- ✓ **2. Enter Task:** Define objective in Chat UI.
- ✓ **3. Agent Execution:** Qubic processes the request.
- ✓ **4. Show Result:** Output displayed clearly.
- ✓ **5. Logs & Status:** Real-time updates on progress.



Final Summary

UI Experience

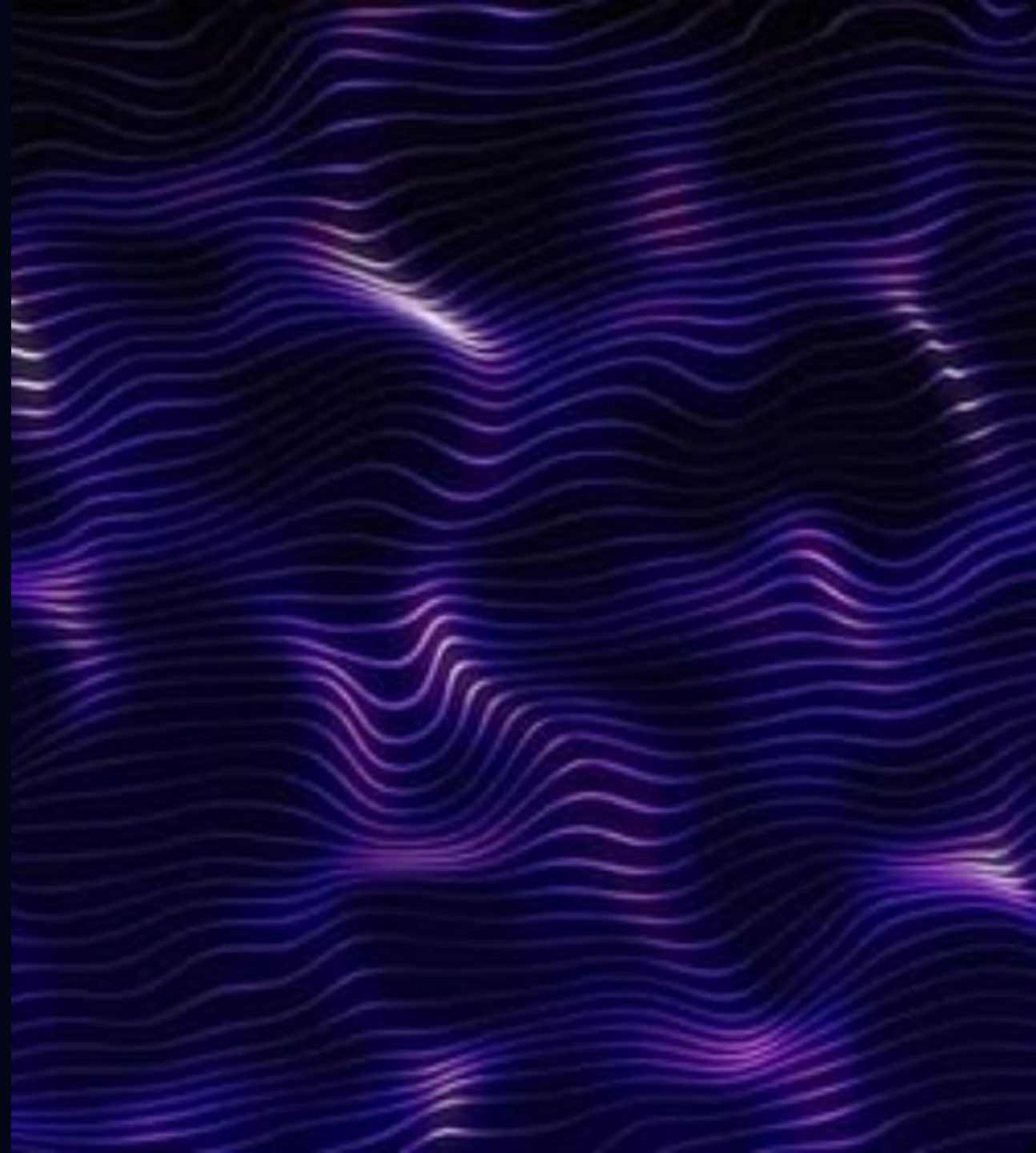
Clear, simple, and fast interface designed for efficiency.

Integration

Strong, secure integration with Qubic AI agents.

Reliability

Smooth workflows ensuring a reliable user experience.



Questions?

Frontend Architecture & Qubic Integration

`</>`Ready for Deployment

Image Sources



https://images.stockcake.com/public/c/c/e/cced3508-c14e-4a53-8d54-b932fe0fb72b_large/digital-security-matrix-stockcake.jpg

Source: stockcake.com



https://static.vecteezy.com/system/resources/previews/066/608/579/non_2x/engineer-analyzing-futuristic-data-digital-display-software-interface-man-with-glasses-glowing-information-cyberpunk-technology-free-photo.jpg

Source: www.vecteezy.com



https://elements-resized.envatousercontent.com/elements-video-cover-images/04ce50aa-b8ea-4960-a73f-0e6411a37425/video_preview/video_preview_0000.jpg?w=500&cf_fit=cover&q=85&format=auto&s=0dcda60e66e16cdccaeb02cf41b3778b79bd93781ccdb3148ca263d0ce9cf59c

Source: elements.envato.com