Socialize key words about:
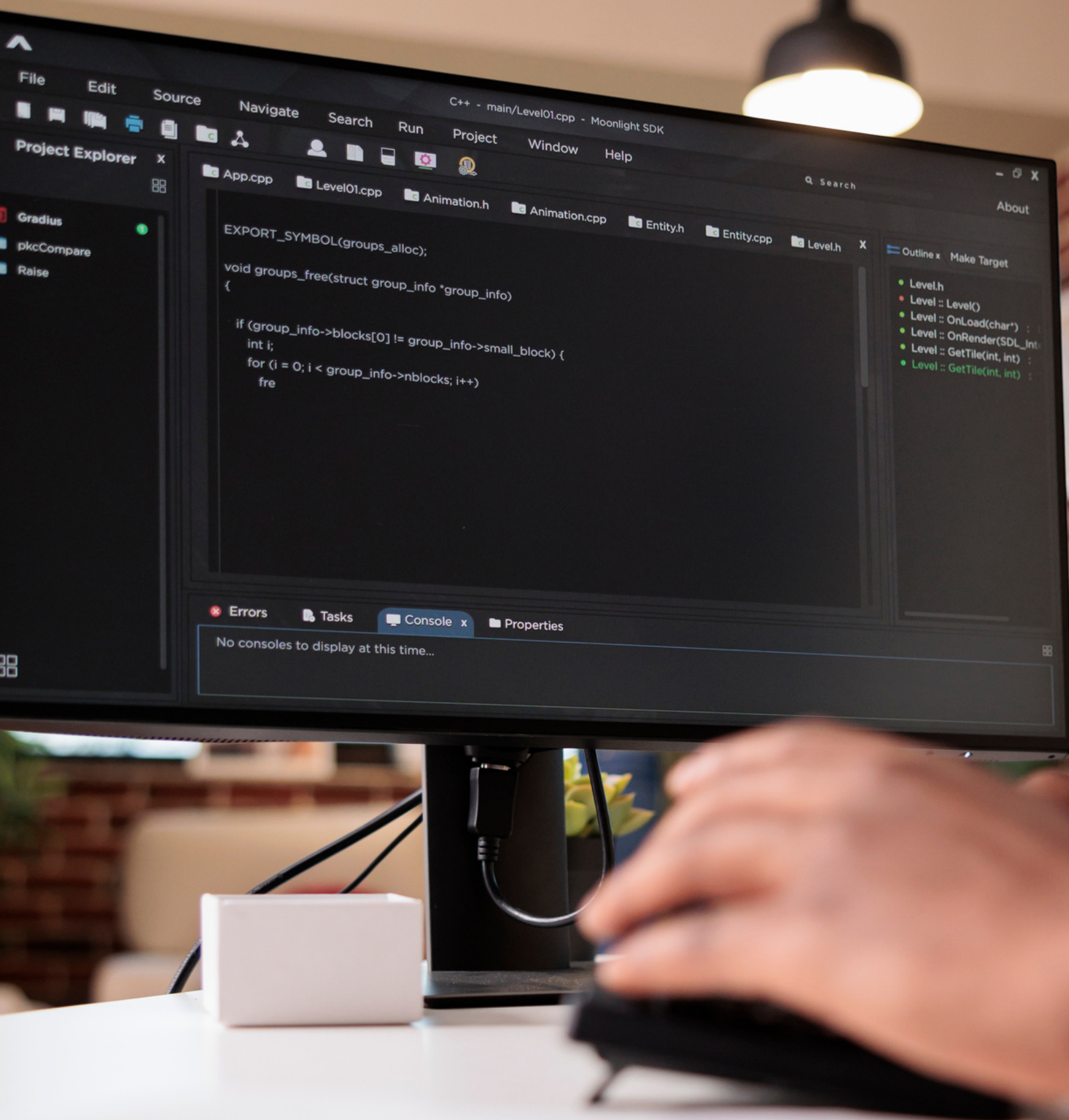
Best Practices for Front-End and Back-End Integration in Full Stack Development

Full-stack development: Meaning:

A development approach where developers handle both front-end and back-end aspects of an application, ensuring a comprehensive skill set.

Integration: Meaning:

The process of combining and coordinating front-end and back-end components to work seamlessly as a unified system.

RESTful APIs: Meaning:

APIs designed following Representational State Transfer (REST) principles, emphasizing simplicity, scalability, and interoperability.

Separation of interests: Meaning:

A clear division of responsibilities between front-end and back-end codebases to enhance code maintainability and reusability.

Authentication and authorization: Meaning:

Security measures ensuring the protection of user data through secure access control mechanisms.

Version control system: Meaning:

Tools like Git that facilitate collaboration by managing changes, branches, and history in a development project.
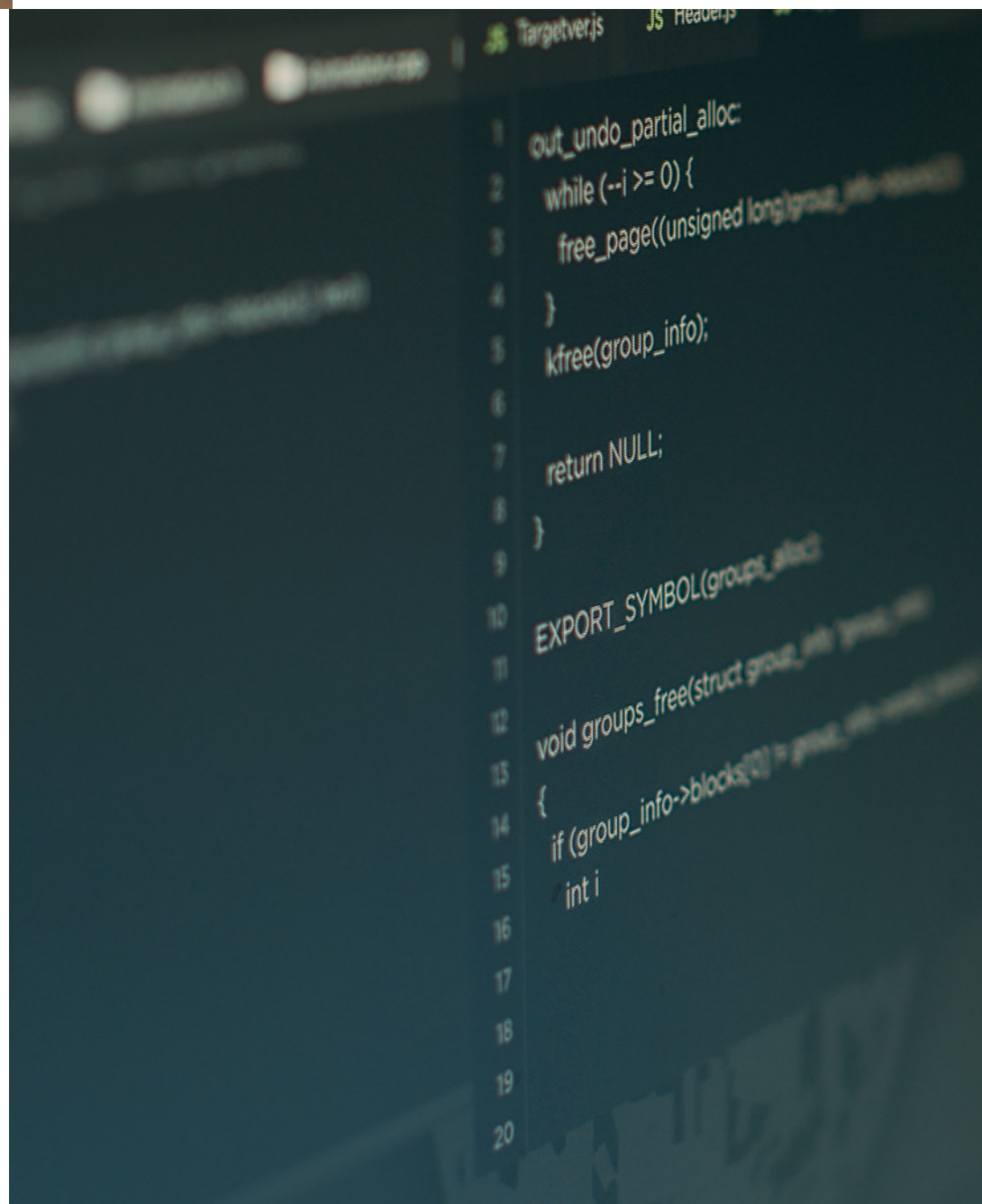
Continuous integration: Meaning:

A development practice that involves regularly integrating code changes, coupled with automated testing, to ensure early detection of issues.

Communication and collaboration: Meaning:

The need for effective interaction and cooperation between front-end and back-end teams to overcome challenges and align development goals.

Data consistency: Meaning:

Ensuring uniform and accurate representation of data across front-end and back-end components to avoid functional problems.

Performance optimization: Meaning:

Balancing and enhancing the performance of front-end and back-end components through various techniques, such as minimizing data transfers and optimizing queries.