

# Summary

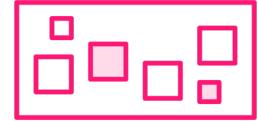


**Allen O'Neill**

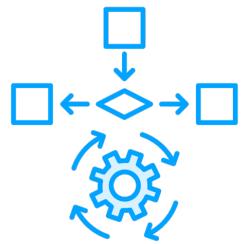
CTO / Senior Engineer, Microsoft Regional Director & MVP

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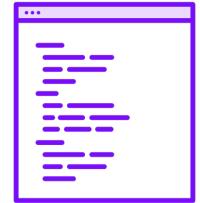
# Topics Covered



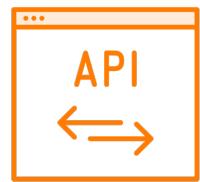
**Data Types in TypeScript 5**



**Functions and Their Variants in TypeScript 5**



**Code Organization: Modules and Their Role**



**Fetch API and Its Functionality**



**JSON Data in API Responses**



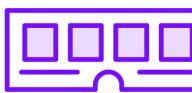
# Advanced Topics



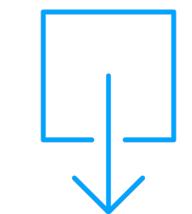
**Customizing Request Options in Fetch API**



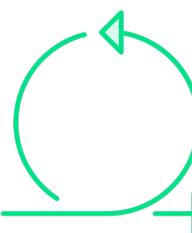
**Advanced Error Handling and Status Codes**



**Client-Side Caching Techniques for API Responses**



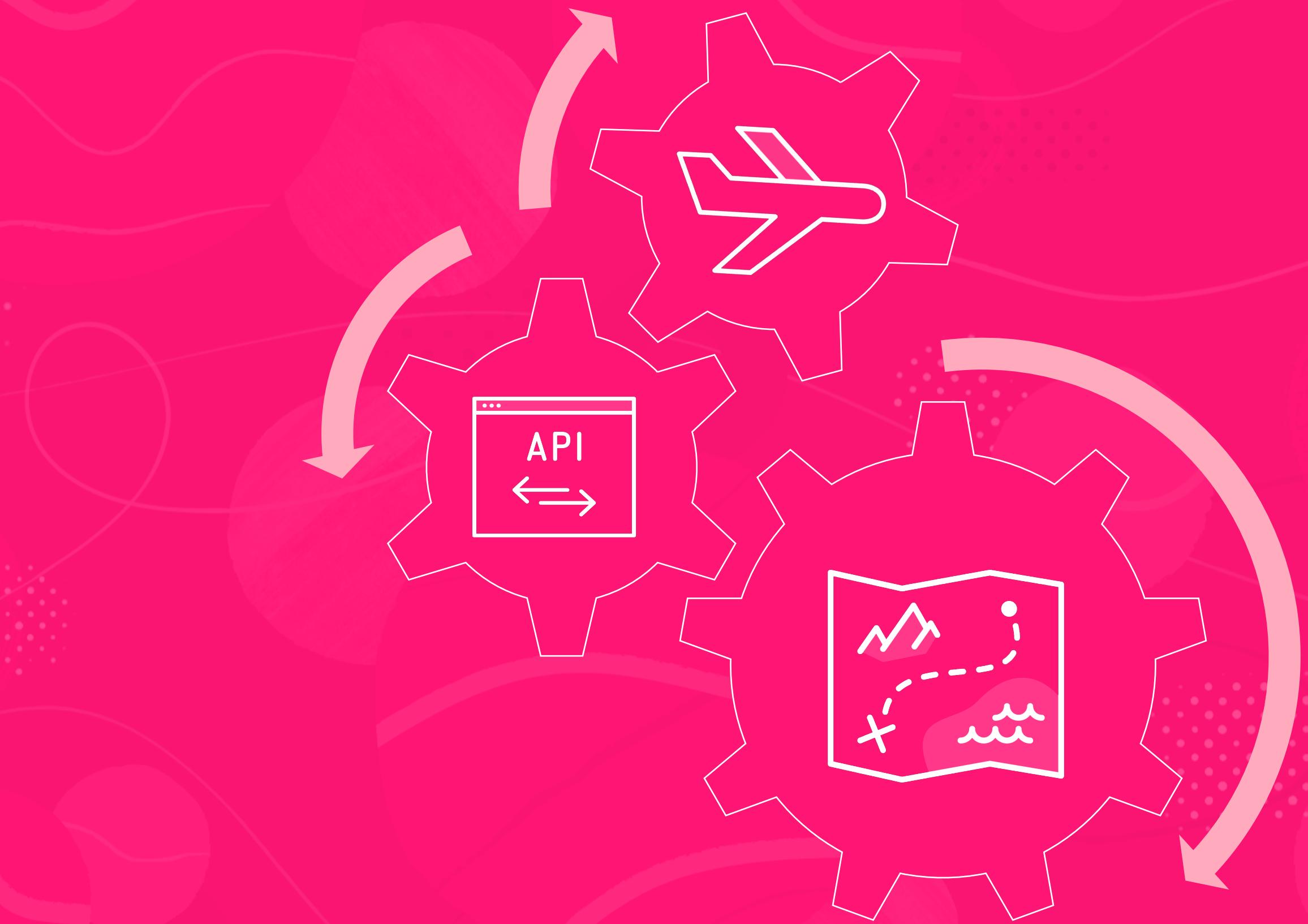
**Efficient Data Fetching Strategies**



**API Versioning and Considerations for Backward Compatibility**



# Flight Tracking Project



# Thank You!

