**3. commitlint.config.js**

The commitlint.config.js file is used to enforce conventional commit messages in your project. This file configures rules that check commit messages and ensure they follow a standard format.

**Example of commitlint.config.js**

js

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module.exports = {

extends: ['@commitlint/config-conventional'],

rules: {

'type-enum': [

2,

'always',

['feat', 'fix', 'docs', 'style', 'refactor', 'perf', 'test', 'chore']

],

'subject-case': [2, 'always', 'sentence-case']

}

};

**Explanation:**

* **extends**: Specifies that this configuration file extends the @commitlint/config-conventional, which provides a common set of rules for conventional commits.
* **rules**: Customizes the commit message validation rules.
  + **type-enum**: Defines a list of valid commit types (e.g., feat, fix, docs, etc.).
  + **subject-case**: Ensures that the commit message subject is written in sentence case.

**Why is this important?**

* Commitlint ensures that your commit messages are consistent and follow a structured format, which makes it easier to automate tasks like generating changelogs, versioning, and more.
* By enforcing these rules, you maintain a clean and organized commit history.

**Summary of commitlint.config.js**

| **Configuration** | **Description** |
| --- | --- |
| **extends** | Specifies the base configuration to extend from (in this case, @commitlint/config-conventional). |
| **rules** | Customizes the rules for commit message validation (types of commits, message casing). |
| **type-enum** | Defines the valid types for commit messages (e.g., feat, fix). |
| **subject-case** | Specifies the case of the commit message subject (usually sentence case). |