

Engineering - Code Review Guidelines

CODE REVIEW GUIDELINES

1. Review Process

- All code must be reviewed before merging to main branch
- Minimum 2 approvals required for production code
- Reviews should be completed within 24 hours
- Use pull request templates for consistency

2. Review Checklist

- Code follows style guide and best practices
- Adequate test coverage (minimum 80%)
- No security vulnerabilities or code smells
- Documentation updated for new features
- Performance impact considered

3. Best Practices

- Keep pull requests small (max 400 lines)
- Write descriptive commit messages
- Include screenshots for UI changes
- Link to relevant tickets/issues
- Respond to review comments within 4 hours

4. Code Standards

- Python: Follow PEP 8 style guide
- JavaScript: Use ESLint with company config
- Use meaningful variable and function names
- Comment complex logic and algorithms
- No hardcoded credentials or secrets

5. Testing Requirements

- Unit tests for all new functions
- Integration tests for API endpoints
- E2E tests for critical user flows
- All tests must pass before merge

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