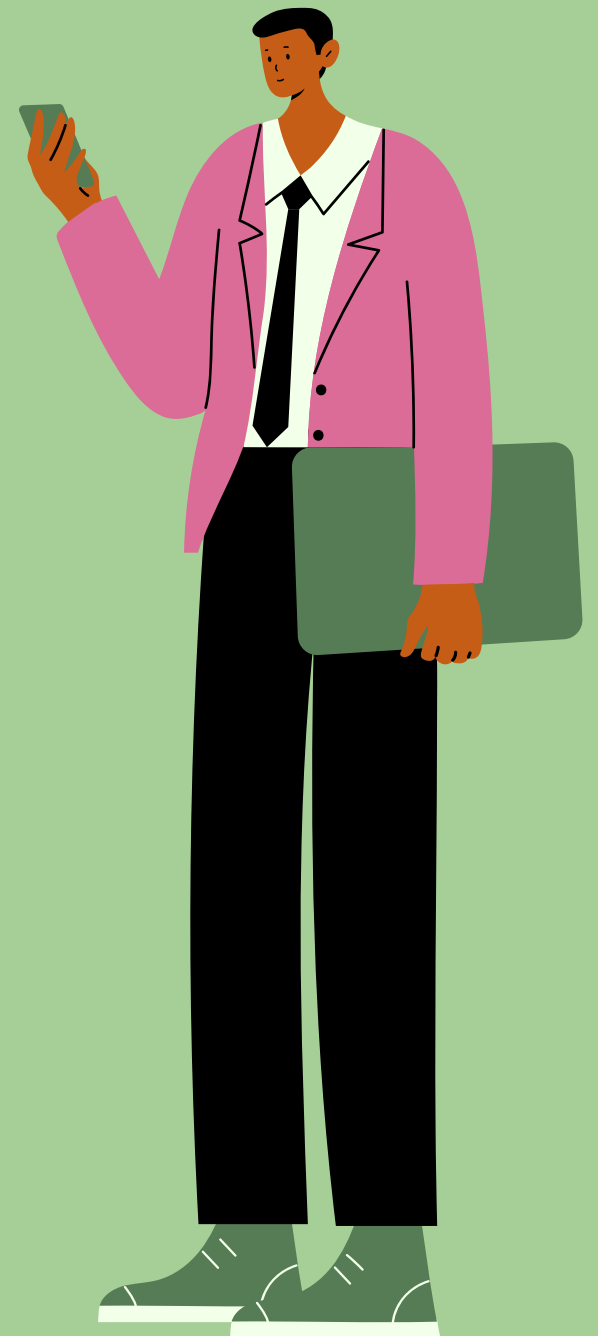


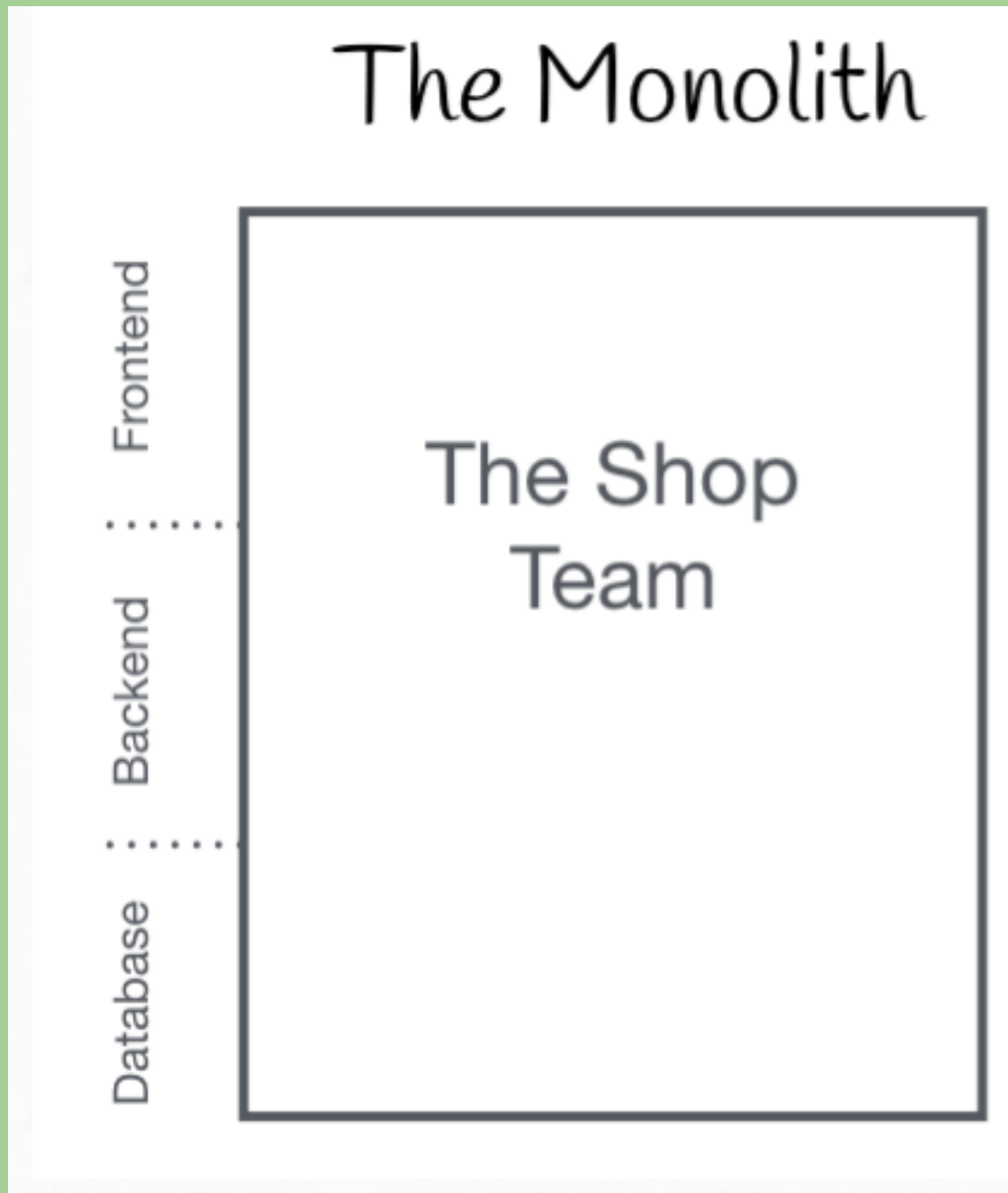
Lets learn

Different FrontEnd Architecture today



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1. Monolith



Here frontEnd, Backend, Database all together considered as one system. Code changes, deployment all are made for one big system.

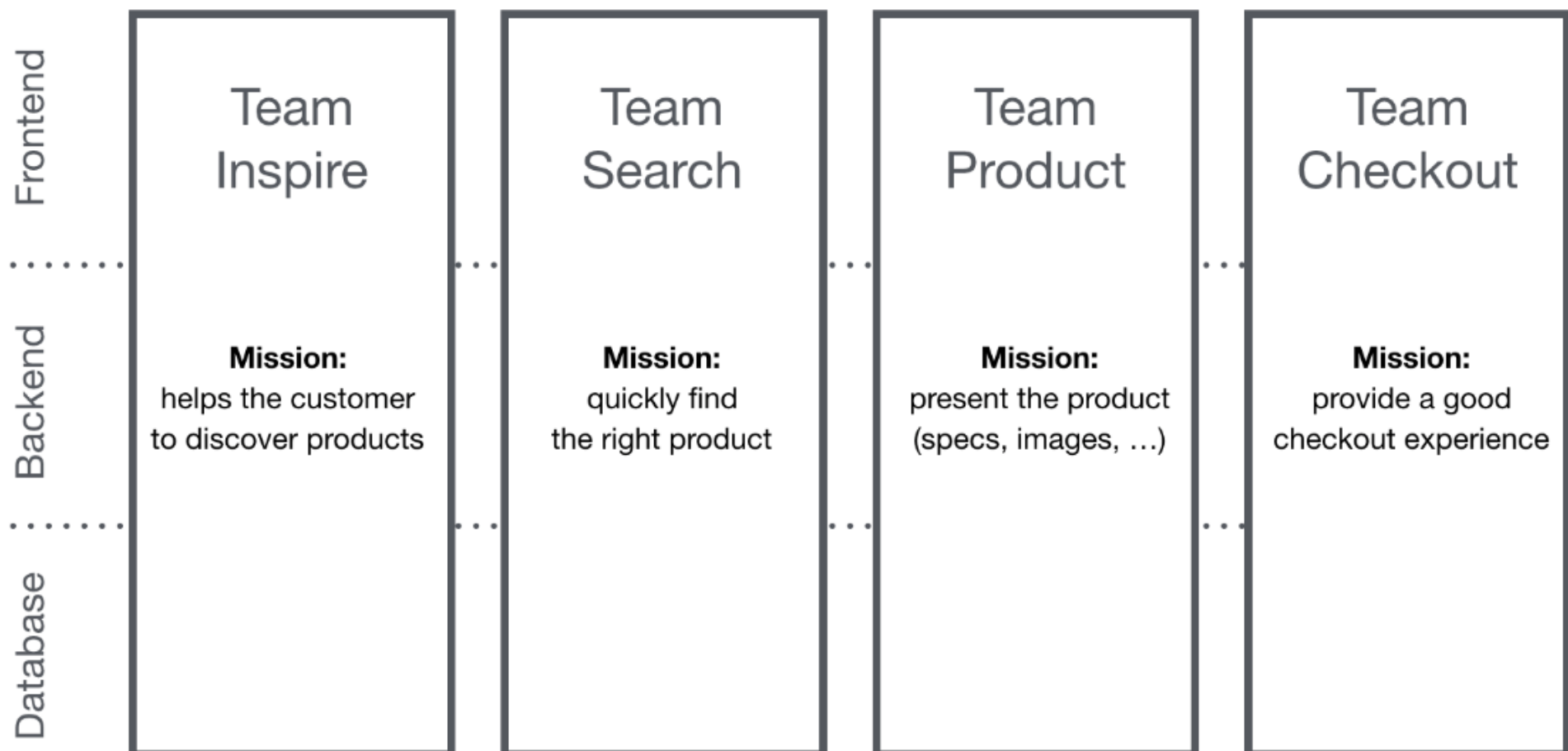
As you can see on the left hand side. For the entire shop management, there is just one team.

Disadvantages Monolith

In monolithic architecture, applications have huge components and complex logic. Therefore, maintaining or upgrading such applications is challenging. Moreover, integrating a new team can be a difficult task.

2. MicroFrontEnd

End-to-End Teams with Micro Frontends



In very simple words, micro-frontEnd is an architecture that divides Big project into small and meaningful units. Which has their own frontEnd and backend

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Advantages of MicroFrontEnd

1. Technology Agnostic.
2. Isolate Team Code.
3. Freedom to build and deploy independent of other teams.

Disadvantages of MicroFrontEnd

1. Code duplication.
2. Same fix needs to happen on different projects
3. Duplicate code review work.

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3. Monorepo



Instead of managing multiple repositories, you keep all your isolated code parts inside one repository

Monorepo has nothing in common with monolithic apps. You can keep many kinds of logical apps inside one repo; for example, a website and its iOS app.

Advantages of MicroFrontEnd

1. Reuse of libraries.
2. Reduced code review time.
3. Combines advantages of micro-frontEnd as each team owns its own part inside a repository.

Dis-advantages of MicroFrontEnd

1. Poor Git performance when working on large-scale projects.
2. Higher build time.
3. Sometimes unnecessary code will be shipped with the product.

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