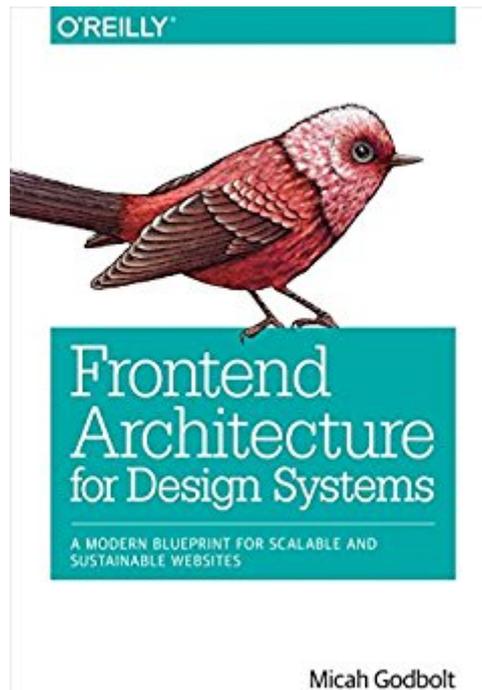# Frontend Architecture For Design Systems: A Modern Blueprint For Scalable And Sustainable Websites

Synopsis

Imagine what a large-scale web project would look like if frontend development were not treated as an add-on, but as an equal partner with backend development and content strategy. This practical book takes experienced web developers through the new discipline of frontend architecture, including the latest tools, standards, and best practices that have elevated frontend web development to an entirely new level.Using real-world examples, case studies, and practical tips and tricks throughout, author Micah Godbolt introduces you to the four pillars of frontend architecture. He also provides compelling arguments for developers who want to embrace the mantle of frontend architect and fight to make it a first-class citizen in their next project.The four pillars include:Code: how to approach the HTML, CSS, and JavaScript of a design systemProcess: tools and processes for creating an efficient and error-proof workflowTesting: creating a stable foundation on which to build your siteDocumentation: tools for writing documentation while the work is in progress

Book Information

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Customer Reviews

As declared in the cover subtitle, this book is a concise "blueprint", a starting point where you can have a detailed overview of what a modern front-end developer should know to manage with confidence and competence a web project at scale (but the same principles and approaches can easily be applied to small/medium websites too).It's about defining a process, finding the right strategy - tailored on the team and the project scope - to build a complex large website. So it's perfect as shared guideline for a team, as well as a general reference for software architects or project managers that need to better understand the modern front-end workflow.I liked the very pragmatic approach. Not only the constant references to the Red Hat project, showing the theory being put in practice in a real-world case. Not only the care explaining the "whys" behind the technical or architectural decisions. But also the choice to propose alternative approaches that don't necessarily follow the self-proclaimed "best practices" (one above all, the naming strategy for CSS components).Well organised and easy to read (I've devoured it during a plane trip), covers almost everything a front-end developer is expected to know nowadays: the triad HTML/CSS/JavaScript, the tooling and processing pipeline, the testing and performance issues, the adoption of a self-documenting style guide.Don't expect a technical manual, which is not the purpose of the book.

Making a web site is easy. But for a truly great site, one that is accessible, scalable, and maintainable, your team needs a clear strategy and common project language. This book is where you start. Micah not only covers the fundamentals of site architecture, but with examples and case studies, this book gives great strategies that any team can start using.

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