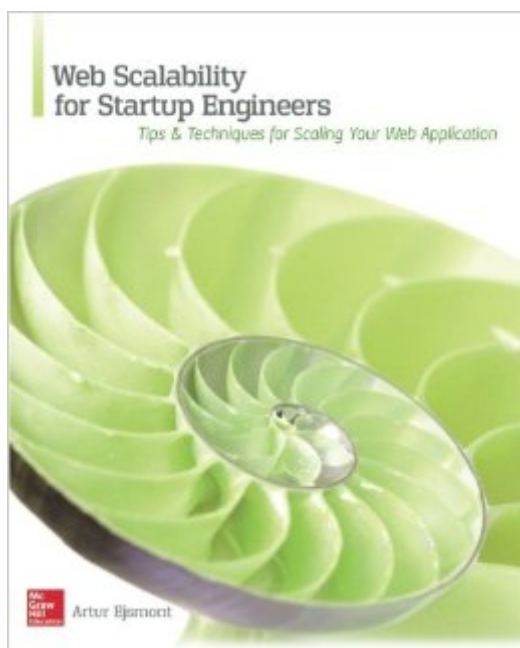


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# Web Scalability For Startup Engineers



## Synopsis

Design and build scalable web applications quickly This is an invaluable roadmap for meeting the rapid demand to deliver scalable applications in a startup environment. With a focus on core concepts and best practices rather than on individual languages, platforms, or technologies, *Web Scalability for Startup Engineers* describes how infrastructure and software architecture work together to support a scalable environment. You'll learn, step by step, how scalable systems work and how to solve common challenges. Helpful diagrams are included throughout, and real-world examples illustrate the concepts presented. Even if you have limited time and resources, you can successfully develop and deliver robust, scalable web applications with help from this practical guide. Learn the key principles of good software design required for scalable systems Build the front-end layer to sustain the highest levels of concurrency and request rates Design and develop web services, including REST-ful APIs Enable a horizontally scalable data layer Implement caching best practices Leverage asynchronous processing, messaging, and event-driven architecture Structure, index, and store data for optimized search Explore other aspects of scalability, such as automation, project management, and agile teams

## Book Information

Paperback: 416 pages

Publisher: McGraw-Hill Education; 1 edition (June 23, 2015)

Language: English

ISBN-10: 0071843655

ISBN-13: 978-0071843652

Product Dimensions: 7.3 x 0.8 x 9.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars See all reviews (11 customer reviews)

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## Customer Reviews

The book covers all parts of a web application like data managing, caching, session, interfaces and the frontend. The author describes all the layers by explaining them with a lot of real world samples. The main focus is really on scalability aspects, which are covered in all chapters. The book also

contains good design guides for writing high quality software. If you're on the way to design and implement a scalable web application, this book contains a lot of useful information for you.

Let me start by setting the context. In the summary section of the final chapter here is a quote from the author. "I have covered a lot of different topics in this book and although I have just scratched the surface of many of these subjects, I believe that it will help you build a holistic picture of scalability and inspire you to learn more about it." The above summarizes the book completely. If you want to get a high-level picture of what web application scalability entails, this is the book to read. It breaks down the problem into its constituent parts, and then provides the necessary high-level detail of each component. Even though the title suggests that this book is only for startup engineers, I think this book has value to any software professional looking to start the journey on grasping the subject. I have extensively tried searching for this material, and have not been successful in finding an alternative. The list of references provided is perfect for getting into the details of any area(s) that you may choose it, as a follow up after this book.

One of the best books on this subject and one of those few tech books which you would want to read end to end. Neatly explains scalability at every layer of a web application. The author explains several concepts (design, sharding, caching, indexing, etc) in a super easy way and goes on to discuss the scalability aspect of the same. Not a single line is out of context or wastes reader's time. Great job!

I've worked for two startups and I think that if the founding engineers had read this book before starting their endeavors neither company would have been in the technological mess that they are in and are seemingly unable to overcome. Great read. Highly recommend.

Excellent book, very well written and all the concepts are very well explained with diagrams and all. And it's very easy to read as well. The author clearly knows what he is talking about and also what it takes to explain all the concepts. An excellent book I had read in a long time. Very exhaustive. Will recommend to others and totally worth buying.

Learned a lot from this book. Easy to read and author uses many good examples to explain the ideas.

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