Kubernetes Interview Questions & Answers

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DotNetTricks

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About Dot Net Tricks

Dot Net Tricks was founded by Shailendra Chauhan (Microsoft MVP), in Jan 2010. Dot Net Tricks came into existence in the form of a blog post over various technologies including .NET, C#, SQL Server, ASP.NET, ASP.NET MVC, JavaScript, Angular, Node.js and Visual Studio, etc.

The company which is currently registered by a name of Dot Net Tricks Innovation Pvt. Ltd. came into the shape in 2015. Dot Net Tricks website has an average footfall on the tune of 300k+ per month. The site has become a cornerstone when it comes to getting skilled-up on .NET technologies and we want to gain the same level of trust in other technologies. This is what we are striving for.

We have a very large number of trainees who have received training from our platforms and immediately got placement in some of the reputed firms testifying our claims of providing quality training. The website offers you a variety of free study material in the form of articles.

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- Cloud
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- Mobile Development
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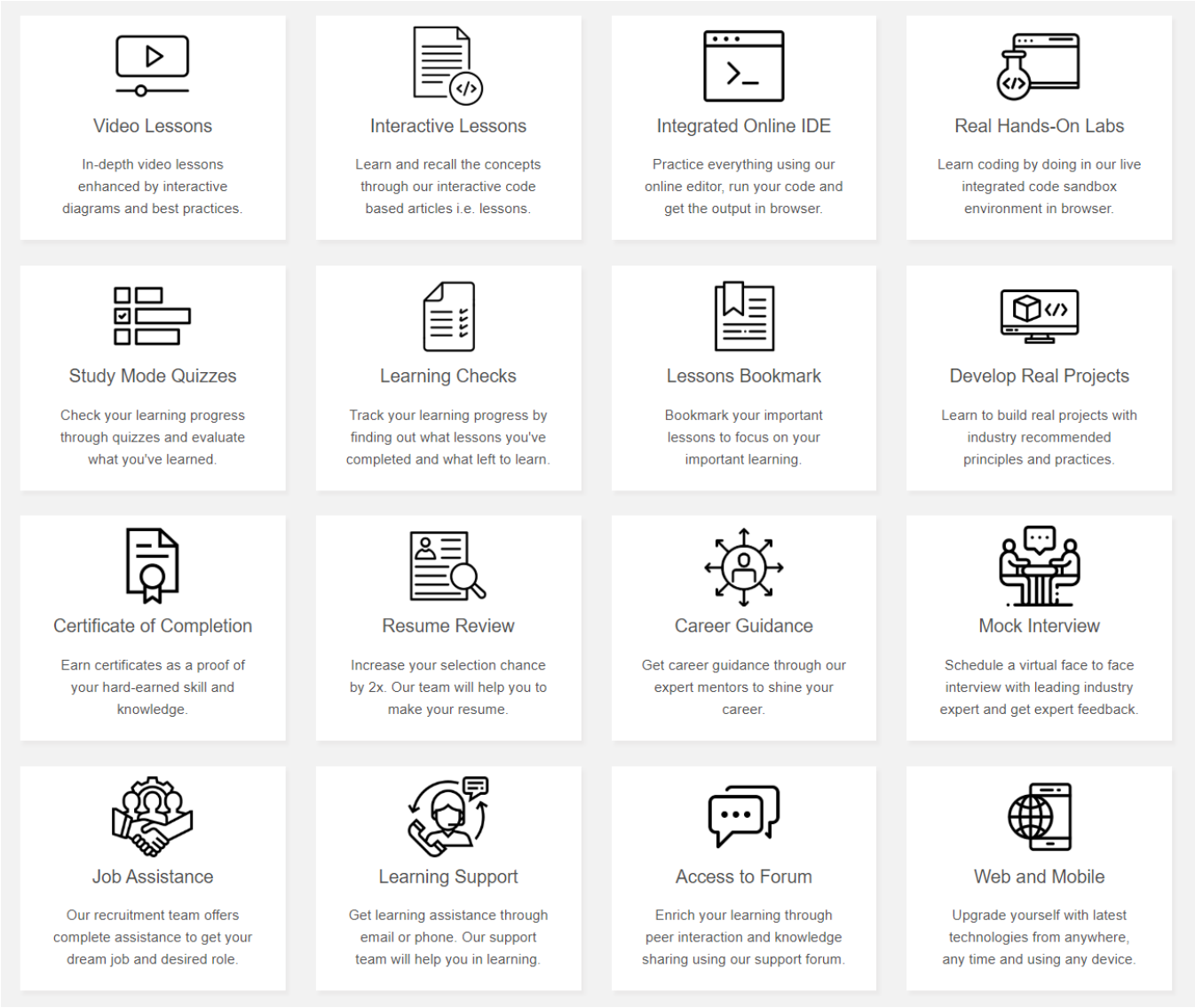

Start your journey today to learn coding. Because learning to code is the first step and forward to advance your career.

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Dot Net Tricks having a pool of mentors who help the corporate to enhance their employment skills as per changing the technology landscape. Dot Net Tricks offers customized training programs for new hires and experienced employees through online and classroom mode. As a trusted and resourceful training partner, Dot Net Tricks helps the corporate to achieve success with its industry-leading instructional design and customer training initiatives.

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- **Mobile Developer** - Xamarin Forms, React Native

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Dot Net Tricks offer a wide range of eBooks on technical interviews Q&A. All eBooks are written by industry experts and coaches. These eBooks will help you to prepare yourself for your next job within a short time. We offer the eBooks in the following categories:

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- Cloud
- DevOps
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Join us today, learn to code, prepare yourself for interviews, and get hired!

Dedication

I would like to say many thanks to my father who gave me the opportunity to make my carries as I wanted when I was in 10th standard. I gave the speech about “Beti bachao” and I got national awards for the first time. I have lots of expertise on DevOps and one day Ankur Mistry saw my technical knowledge and he inspired me to write a book and share the knowledge to others. The Next day I started the book and also, I believe reading and writing is the most important part of gaining knowledge in life.

I would like to say thanks to my father and mother for teaching me nothing is impossible and be the best version of yourself.

Also, thanks to my heroes(brothers) Vipul and Pankaj, who always remind me who I am and what I can do, always support me no matter what situation.

Special thanks to Ankur Mistry who is my inspiration.

To my wonderful readers, may you find this book helpful?

“Keep your mind open to change all the time. Welcome it. Always go with the choice that scares you the most, because that’s the one that is going to help you grow”

With lots of love.

-Dharti Sutariya

Introduction

What Where Author Qualification to Write This Book

Dharti Sutariya is DevOps Engineer. She has more than 3 years of experience on DevOps technologies such as Explicit Technical Knowledge and hands-on experience of DevOps processes and practices, Automation, Auto scaling, Monitoring, and Configuration Management. Gained expertise in SDLC and Agile implementation. Experienced in maintaining the Continuous flow from Code phase to Deployment and Production Phase. Experienced DevOps Model, CI/CD with Jenkins and Azure DevOps 2019 server.

What This Book Is

Kubernetes, a powerful tool in DevOps field, was originally designed by Google and is now maintained by the Cloud Native Computing Foundation. Automates the application deployments, scaling the cluster and container, scheduling, maintenance, and operation of multiple application containers across clusters of nodes.

What You'll Learn

This book is for the techy, Freshers and Experienced DevOps Engineers who are looking for a change or want to make a bright future in DevOps. This book covers the interview questions on the following topics:

- Container Orchestration
- Fundamentals of Kubernetes
- Minikube
- Kubernetes Architecture
- Kubernetes Object and Workload
- Kubernetes Master Components
- Kubernetes Node Components
- Kubernetes Installation
- Kubernetes Commands
- Kubernetes Service
- Kubernetes Pods
- Kubernetes Deployments
- Kubernetes Networking

Our best wishes are always with you for your learning and growth!

About the Author

Dharti Sutariya - DevOps Engineer and Author

She achieved great technical knowledge in a short period of time in DevOps Technology, she has vast experience in DevOps area. She graduated from Gujarat Technology University (GTU)- India. She has an ability to set up a fully DevOps oriented process.

She is working as a DevOps Engineer in an MNC with her major interest in technologies and frameworks like Docker, Kubernetes, Terraform, Ansible, Chef and many more using platform Linux and Windows.

She has explicit Technical Knowledge and hands-on experience of DevOps processes and practices, Automation, Auto scaling, Monitoring, and Configuration Management. Gained expertise in SDLC and Agile implementation. Experienced in maintaining the Continuous flow from Code phase to Deployment and Production Phase. Experienced DevOps Model, CI/CD with Jenkins and Azure DevOps 2019 server.

How to Contact Us

Although the author of this book has tried to make this book as accurate as it possible but if there is something strikes you as odd, or you find an error in the book please drop a line via e-mail.

The e-mail addresses are listed as follows:

- mentor@dotnettricks.com
- info@dotnettricks.com

We are always happy to hear from our readers. Please provide your valuable feedback and comments!

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