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| 1. | Record Nr. | UNINA9910300366003321 |
| | Autore | Bhat Sathyajith |
| | Titolo | Practical Docker with Python : Build, Release and Distribute your Python App with Docker / / by Sathyajith Bhat |
| | Pubbl/distr/stampa | Berkeley, CA : , : Apress : , : Imprint : Apress, , 2018 |
| | ISBN | 1-4842-3784-6 |
| | Edizione | [1st ed. 2018.] |
| | Descrizione fisica | 1 online resource (XV, 186 p. 33 illus.) |
| | Disciplina | 005.1 |
| | Soggetti | Python (Computer program language) |
| | | Computer programming |
| | | Software engineering |
| | | Python |
| | | Web Development |
| | | Software Engineering |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Nota di contenuto | Chapter 1: Introduction to Containerization & Docker -- Chapter 2: Docker 101 -- Chapter 3: Building the Python App -- Chapter 4: Understanding Dockerfile -- Chapter 5: Understanding Docker Volumes -- Chapter 6: Docker Networking -- Chapter 7: Multi Container Applications with Docker Compose. |
| | Sommario/riassunto | Learn the key differences between containers and virtual machines. Adopting a project based approach, this book introduces you to a simple Python application to be developed and containerized with Docker. After an introduction to Containers and Docker you'll be guided through Docker installation and configuration. You'll also learn basic functions and commands used in Docker by running a simple container using Docker commands. The book then moves on to developing a Python based Messaging Bot using required libraries and virtual environment where you'll add Docker Volumes to your project, ensuring your container data is safe. You'll create a database container and link your project to it and finally, bring up the Bot-associated database all at once with Docker Compose. . |