1. Record Nr. UNINA9910736020103321 Autore Paul Akshat **Titolo** Serverless Web Applications with AWS Amplify: Build Full-Stack Serverless Applications Using Amazon Web Services / / by Akshat Paul, Mahesh Haldar Berkeley, CA:,: Apress:,: Imprint: Apress,, 2023 Pubbl/distr/stampa **ISBN** 1-4842-8707-X Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (291 pages) Altri autori (Persone) HaldarMahesh Disciplina 006.78 Soggetti Web applications Application software - Development Cloud computing Web services Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Place of publication from publisher's website. Includes index. Nota di contenuto 1. Introduction to Serverless -- 2. UI Component and Authentication --3. Creating a Crude REST API -- 4. Integrating RETS APIs with a Frontend React App -- 5. Offline-first App -- 6. Data Storage -- 7. Analytics -- 8. Continuous Integration and Continuous Delivery/Continuous Deployment -- Chapter 9: Amplify Supplements. Sommario/riassunto Learn the fundamentals of serverless applications and how to take advantage of time-tested Amazon Web Services (AWS) to build scalable apps. This book shows you how to work with the key features of your applications with minimum code, simple CLI commands and one-click deployments. You'll see how to manage authentication, standard UI components, database storage, filesystem, CI/CD pipeline and more. You'll also examine the architecture, strengths, scalability, and limitations of serverless, and how to use AWS Amplify effectively. You will use tools including React, Cognito, GraphQL, DynamoDB, Kinesis, and Sagemaker. AWS Amplify is the fastest and easiest way to build

serverless web and mobile apps at scale, comprising tools and services that work independently and can be wired together to build scalable apps. You will: Build GraphQL and REST APIs Model data with Amplify

Datastores Set up a CI/CD pipeline with Amplify Record and make sense of user data analytics with Kinesis Boost your application with AI/ML capability using Sagemaker.