

O'REILLY®

# Fundamentals of APIs

July 2023



# Fundamentals of APIs

- Basics of APIs
  - Protocol, Programming, & Connecting
- Types of APIs
  - RESTful, gRPC, GraphQL, Asynchronous, Hypermedia
- Building an API from Scratch
  - Design It, Code It, Run It
- Testing, Security, and Monitoring
  - Happy/Sad-Path Tests, Security Profiles, Traffic Monitoring



# Fundamentals of APIs

*Let's get started!*