



Developer Experience Day

December 6, 2023



Agenda

1. Introduction *10 min*
2. Scenario #1: Updating An API *60-90 min*
3. Break *10 min*
4. Scenario #2: Adding and Deploying New App Features *60-90 min*
5. Conclusion *5 min*

Developer Experience Day



Experience the DevOps Journey at **Contoso**

Developer Experience Day

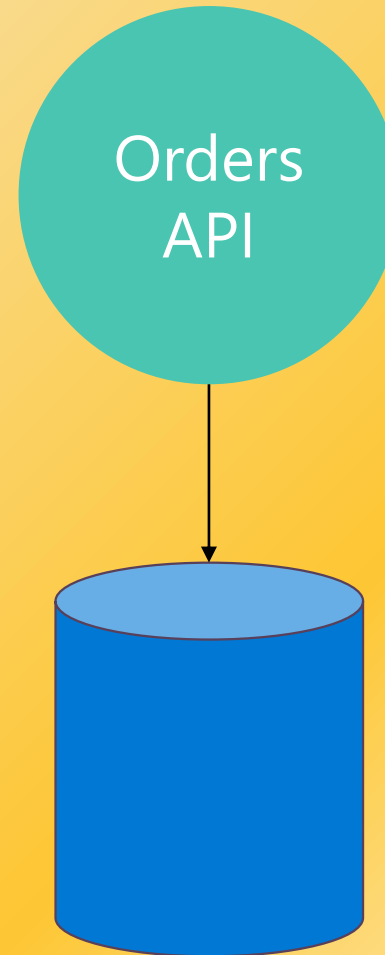


Experience the DevOps Journey at **Contoso**

Scenario #1

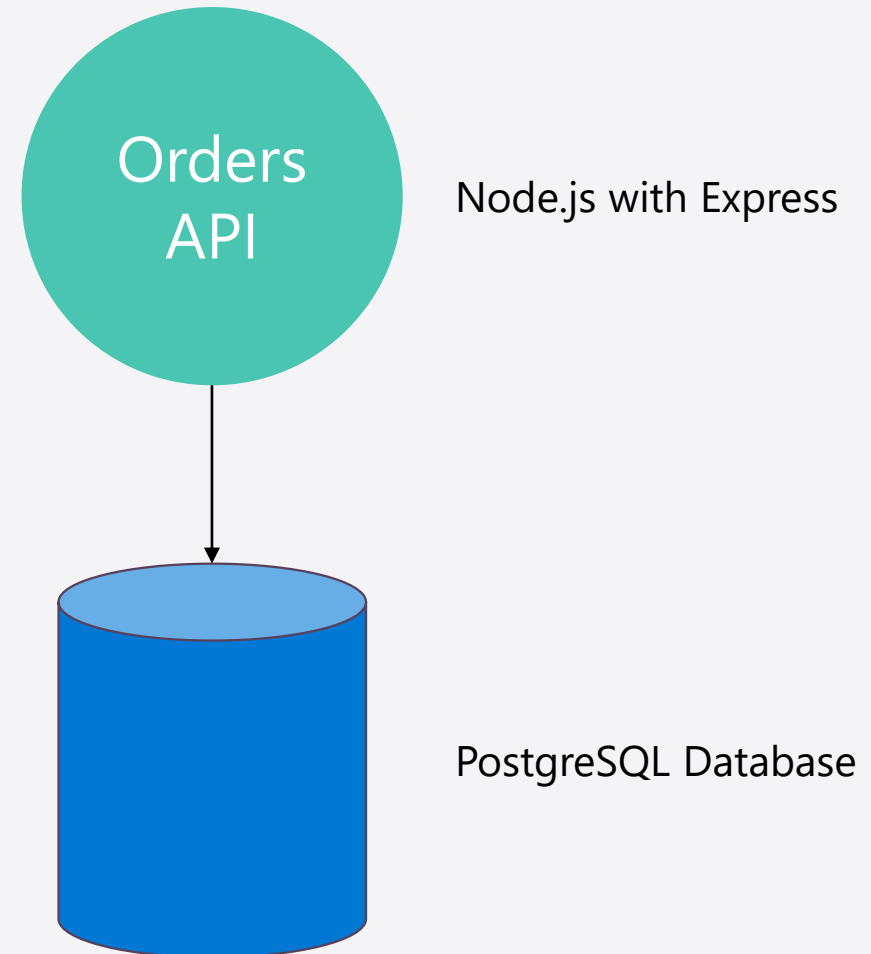
Updating our team's Orders Web API

- Enable security and vulnerability scanning
- Add order deletion to the API



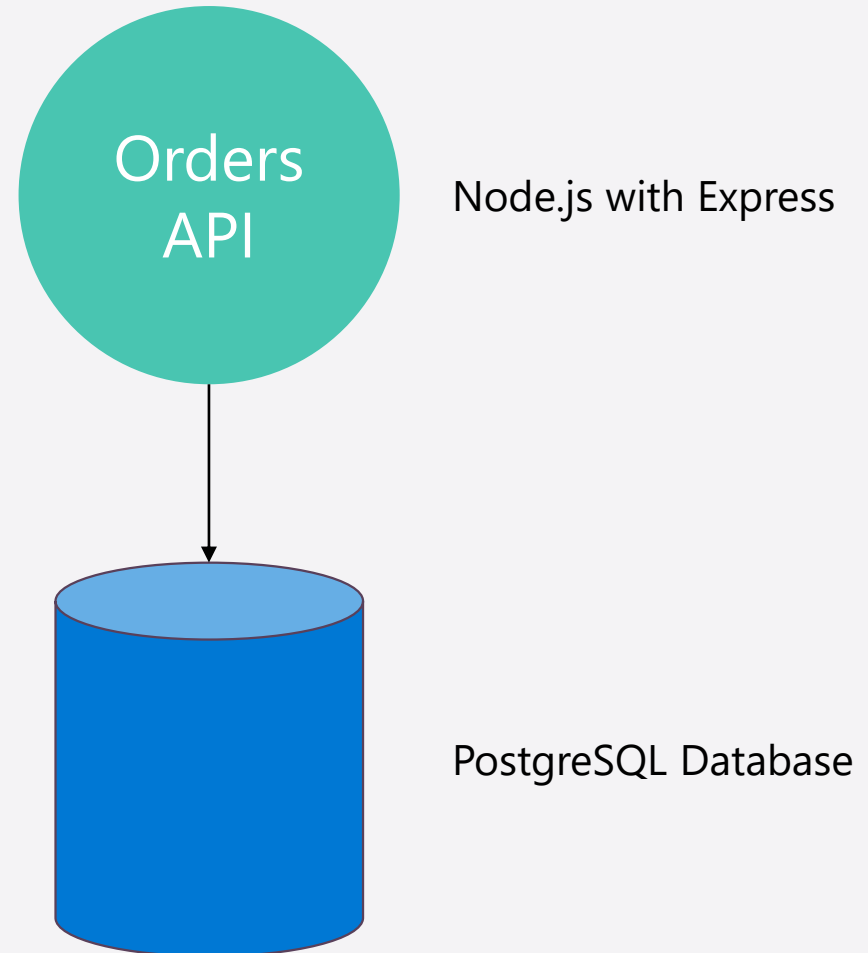
Enable security and vulnerability scanning

- GitHub Dependabot
- GitHub CodeQL Scanning
- GitHub Secret Scanning



Add order deletion to the API

- GitHub Projects
- GitHub Issues
- GitHub Codespaces
- GitHub Copilot



Break

10 Minutes

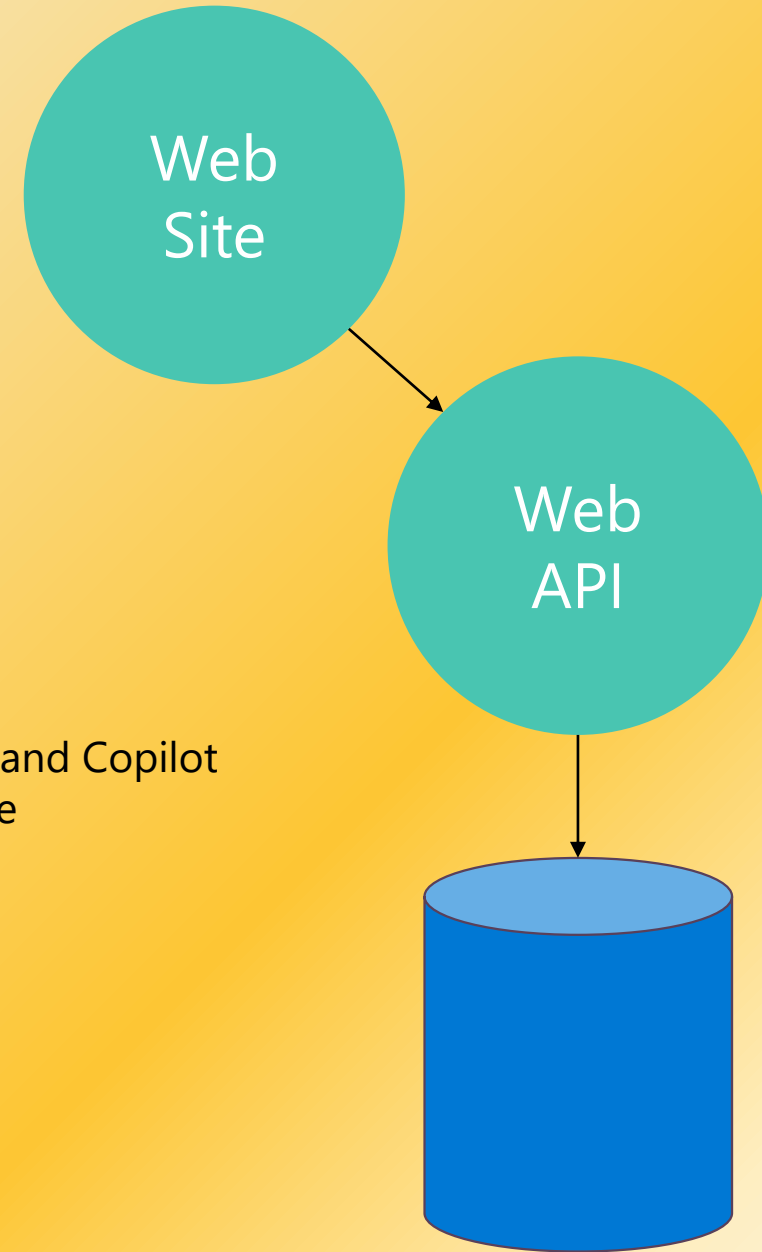
refer to the pinned message in the webinar Q&A for exact timing



Scenario #2

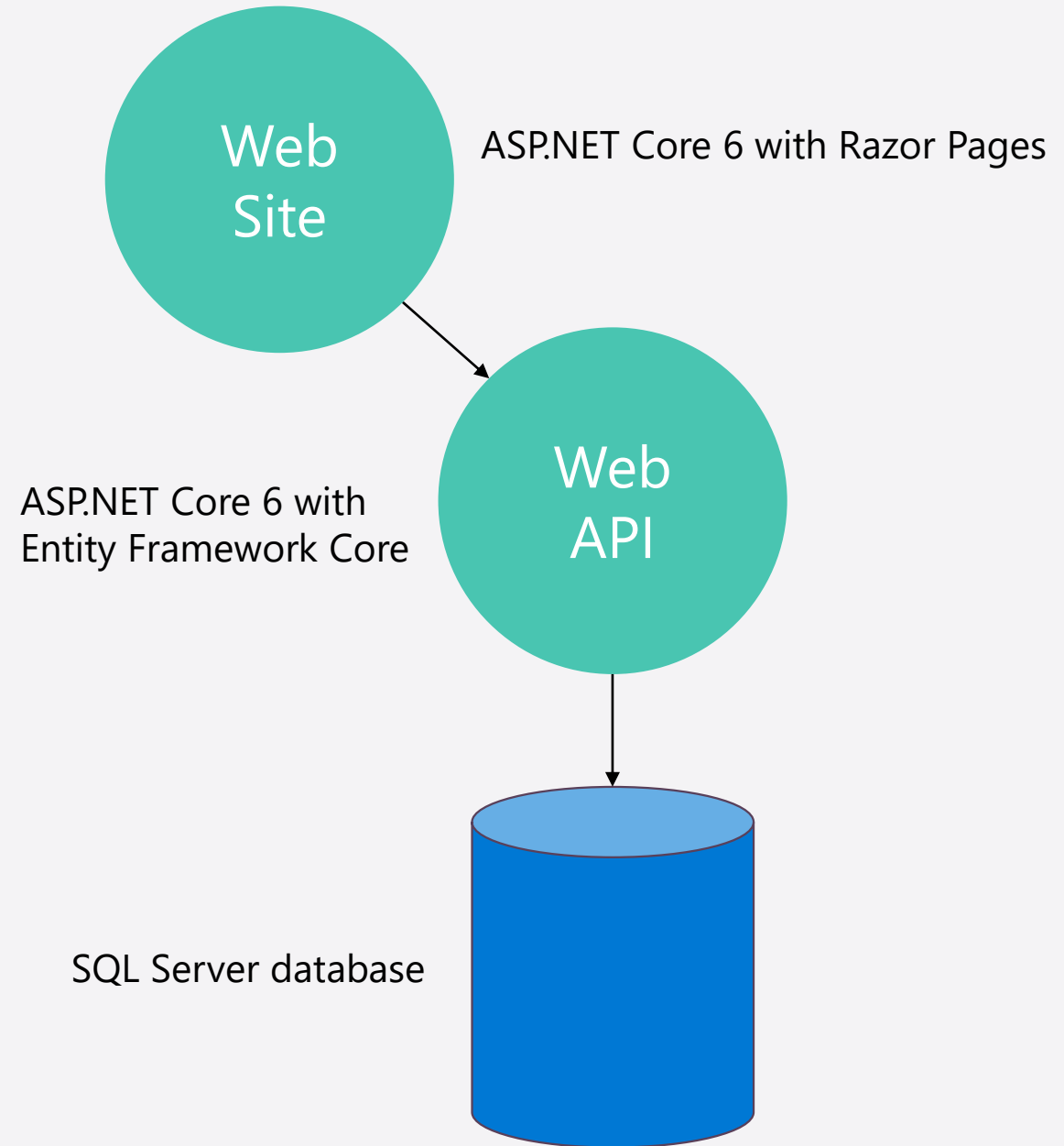
Update apps with latest developer tooling

- Requested to work on a GitHub issue
- Create and use a Dev box to perform Full stack development
- Deploy a developer bound Dev environment in Azure
- Assign the issue to you and solve it with GitHub, Visual Studio 2022 and Copilot
- Create a Pull Request to trigger deployment to the Dev team website



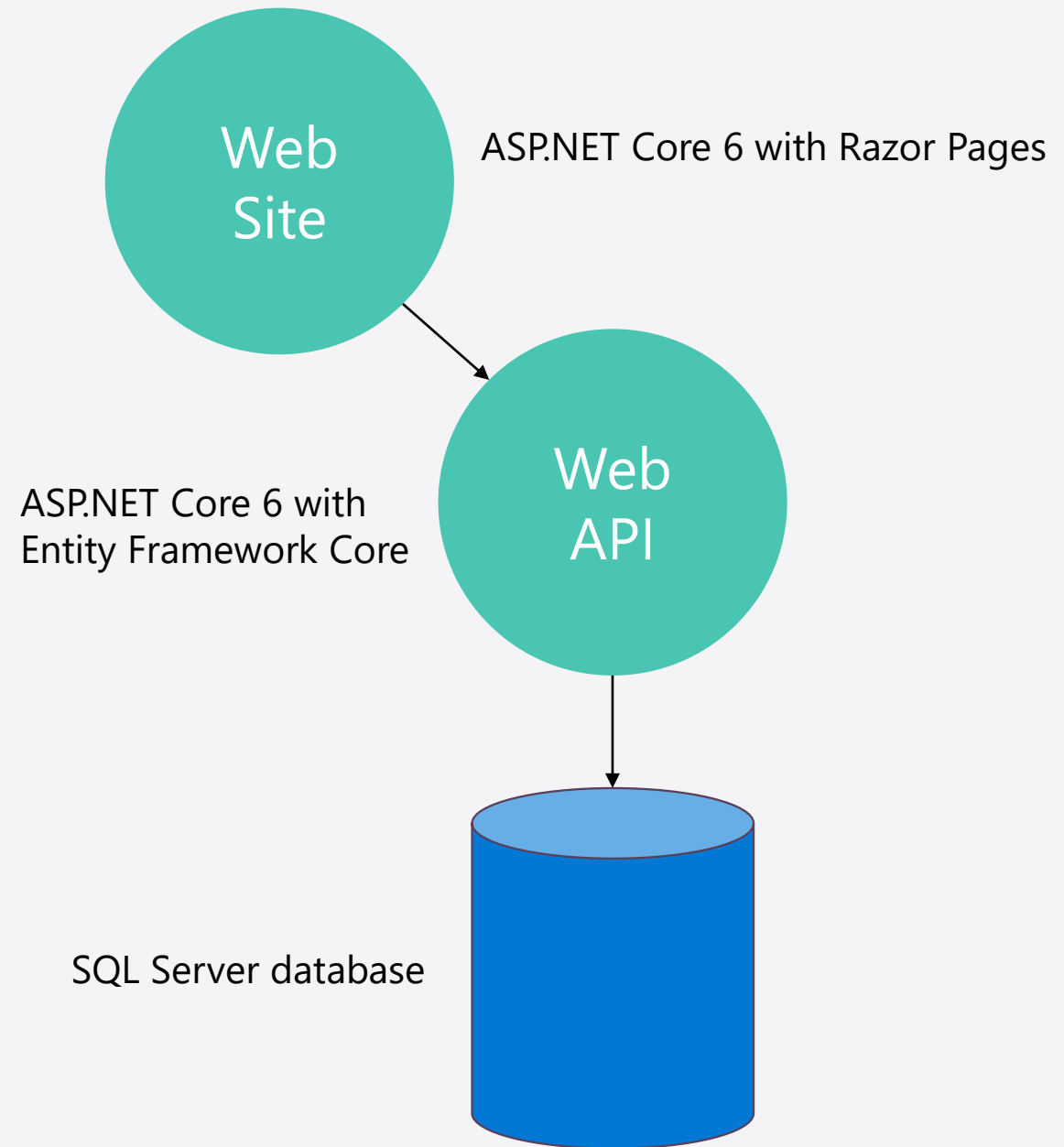
Be a productive developer

- GitHub Repository
- GitHub Issues
- GitHub Actions
- GitHub Copilot
- Microsoft Developer Portal
 - Dev Boxes
 - Dev Environments
- Azure and Visual Studio



Update the app with new features

- Create a Dev Box
 - Setup the tooling
 - Setup the app locally
- Create a Dev Environment
 - Publish from Dev Box to the Dev Environment
- Pick the issue to work on
- Code with Copilot pair programming
- Create a Pull Request
- Update the shared Dev Environment



Links and Resources

Developer Experience Day Content

For all Developer Experience Day resources by scanning the QR code or by visiting <https://aka.ms/devexday/content>



Sample Code and Templates

Visit <https://aka.ms/devexday/repo> to access sample code and templates

