

Symfony + PostgreSQL Training Roadmap

This roadmap is designed to integrate Symfony framework learning with PostgreSQL to ensure a strong backend development foundation. It spans approximately 20 days, allowing time for both learning and hands-on practice.

Symfony + PostgreSQL Training Breakdown:

Day 1-3: PostgreSQL Basics

- Installation, basic queries, CRUD operations

Day 4-5: PostgreSQL Advanced

- Joins, Indexing, Normalization, Transactions

Day 6-7: Setting Up Symfony

- Installing Symfony, project structure, environment setup

Day 8-9: Routing & Controllers

- Understanding routing, request/response handling, Twig templating

Day 10-11: Doctrine ORM

- Configuring Doctrine, creating entities, migrations

Day 12-13: Working with Forms

- Handling Symfony forms, validation, CSRF protection

Day 14-15: Security & Authentication

- User authentication, roles & permissions

Day 16-17: API Development

- Building RESTful APIs, handling JSON responses

Day 18-19: Event Listeners & File Handling

- Custom event listeners, file uploads

Day 20: Deployment & Testing

- Unit testing, optimizing Symfony for production, deployment