

# Cloudflare

Find the detailed version of this roadmap along with other similar roadmaps

[roadmap.sh](https://roadmap.sh)

## Related Roadmaps

- ✓ DevOps Roadmap
- ✓ AWS Roadmap
- ✓ Node.js Roadmap

## Useful Links

- ✓ Cloudflare Docs
- ✓ Discord Community

## Prerequisites

- JavaScript Fundamentals
- Basic Command-line Knowledge
- HTTP and Web Protocols
- Git Basics

## Core Development Skills

- Node.js and NPM
- TypeScript Fundamentals
- Understand Serverless Architecture

## Workers Core Concepts

## Frameworks and Tools

## Storage Solutions

## Durable Execution

## Durable Objects

## State Management

## Coordination

## Persistence

## Transactional Operations

## Vectorize

## Stream

## Images

## Calls

## Tunnels

## Browser Rendering

## AI Gateway

## Email Workers

## Routing

## Processing

## Filtering

## Integration & Workflows

## Pages Functions

## Service Bindings

## Inter Worker Communication

## External API Integration

## Webhook Handling

## Event-driven Architectures

## Development Tools

## Wrangler

## Miniflare

## DevTools

## Testing Frameworks

## Monitoring Tools

## Debugging Techniques

## Workers Runtime Environment

## Edge Computing Fundamentals

## Request/Response Handling

## Fetch API and Runtime APIs

## Workers Lifecycle

## Service Bindings

## Caching Strategies

## Middleware Patterns

## Bindings

## Logging and Monitoring

## Workers KV

## Key-value Operations

## Metadata Handling

## Bulk Operations

## Caching Patterns

## Schema Management

## Migrations

## Query Optimization

## Drizzle

## Prisma

## Frameworks

## Workflows

## Workers AI

## Text Generation

## Image Processing

## Speech Recognition

## AI Model Integration

## Vector Embeddings

## Similarity Search

## AI-powered Search

## Video Delivery

## Live streaming

## Video Processing

## Workers Security Model

## Isolates Architecture

## Web Security Headers

## Rate Limiting

## Cache API

## HTML Rewriting

## Edge SSL/TLS

## Bot Management

## Wrangler

## Miniflare

## DevTools

## Testing Frameworks

## Monitoring Tools

## Debugging Techniques

## Object Storage

## Large File Handling

## Asset Management

## Bucket Operations

## Bucket Lifecycle

## API Routers

## Hono

## Itty Router

## Frontend Frameworks

## Any Frontend Framework

## Building / Deploying

## Wrangler

## Miniflare

## DevTools Integration

## CI/CD Pipelines

## Message Processing

## Background Jobs

## Rate Limiting

## Dead Letter Queues

## Pages Functions

## Service Bindings

## Inter Worker Communication

## External API Integration

## Webhook Handling

## Event-driven Architectures

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