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Overview

Users

Organizations

Billing

Beta

Configure

Watching for users

What will your users see?

Install the SDK, run your dev server, and sign yourself up. The moment we detect that first account, installation is complete.



Next.js



React



Astro



Expo



iOS



JavaScript



Copy this quickstart guide as a prompt for LLMs to implement Clerk in your Next.js application.

[Copy prompt](#)

1

Install `@clerk/nextjs`

Run the following command to install the SDK:

What's new

Filter organizations by name, slug, or creation date to quickly find what you need.

[Learn more ↗](#)

npm yarn pnpm

terminal



```
npm install @clerk/nextjs
```

2 Set your Clerk API keys

Add these keys to your `.env` or create the file if it doesn't exist. Retrieve these keys anytime from the [API keys](#) page.

`.env`



```
NEXT_PUBLIC_CLERK_PUBLISHABLE_KEY=pk_test_c3Rlcmxpbmctcm1uZ3RhaWwtMjAuY2xlcmsuYW  
CLERK_SECRET_KEY=sk_test_aWTZdraq95o9Bz1gvxc7s3PhouvvhKoQsqpkhdpV81Y
```

3 Update `proxy.ts`

⚠ Important

If you're using Next.js ≤15, name your file `middleware.ts` instead of `proxy.ts`. The code itself remains the same; only the filename changes.

Update your proxy file, or create one at the root of your project, or the `src/` directory if you're using a `src/` directory structure.

The `clerkMiddleware` helper enables authentication and is where you'll configure your protected routes.

`proxy.ts`

```
import { clerkMiddleware } from '@clerk/nextjs/serve  
  
export default clerkMiddleware();
```

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```
export const config = {
  matcher: [
    // Skip Next.js internals and all static files, unless found in search param
    '/((?!_next|[^?]*\\.(?:html?|css|js(?!on)|jpe?g|webp|png|gif|svg|ttf|woff2?)|
    // Always run for API routes
    '/(api|trpc)(.*)',
  ],
};
```

4 Add **ClerkProvider** to your app

The **ClerkProvider** component provides Clerk's authentication context to your app. It's recommended to wrap your entire app at the entry point with **ClerkProvider** to make authentication globally accessible. See the [reference docs](#) for other configuration options.

Copy and paste the following code into your **layout.tsx** file. This creates a header with Clerk's prebuilt components to allow users to sign in and out.

/src/app/layout.tsx



```
import { type Metadata } from 'next'
import {
  ClerkProvider,
  SignInButton,
  SignUpButton,
  SignedIn,
  SignedOut,
  UserButton,
} from '@clerk/nextjs'
import { Geist, Geist_Mono } from 'next/font/google'
import './globals.css'

const geistSans = Geist({
  variable: '--font-geist-sans',
  subsets: ['latin'],
})

const geistMono = Geist_Mono({
  variable: '--font-geist-mono',
  subsets: ['latin'],
})
```

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```
export const metadata: Metadata = {
  title: 'Clerk Next.js Quickstart',
  description: 'Generated by create next app',
}

export default function RootLayout({
  children,
}: Readonly<{
  children: React.ReactNode
}>) {
  return (
    <ClerkProvider>
      <html lang="en">
        <body className={` ${geistSans.variable} ${geistMono.variable} antialiased`>
          <header className="flex justify-end items-center p-4 gap-4 h-16">
            <SignedOut>
              <SignInButton />
              <SignUpButton>
                <button className="bg-[#6c47ff] text-ceramic-white rounded-full">
                  Sign Up
                </button>
              </SignUpButton>
            </SignedOut>
            <SignedIn>
              <UserButton />
            </SignedIn>
          </header>
          {children}
        </body>
      </html>
    </ClerkProvider>
  )
}
```

Create your first user

Run your project. Then, visit your app's homepage at <http://localhost:3000> to create your first user.

npm yarn pnpm

terminal

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```
npm run dev
```

Next steps

Utilize your own pages for authentication

The Account Portal is the fastest way to add authentication, but Clerk has pre-built, customizable components to use in your app too.

[Continue to the Next.js guide](#)

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