

Can We Deploy Node.js on Cloudflare? **Short Answer:**

Yes, but not in the traditional way. Cloudflare does NOT support full Node.js servers like Express running with `app.listen()`.

What You Cannot Deploy - Traditional Express.js server

- Long-running Node.js processes
- Direct filesystem access
- Child processes or sockets

What You Can Deploy **1. Cloudflare Workers**

Used for APIs, authentication, webhooks, and lightweight backend logic.

2. Cloudflare Pages Functions

Best for frontend-integrated backend logic like form submissions or email triggers.

Recommended Architecture Frontend (React/Vite) → Cloudflare Pages

Backend (Node.js Express) → AWS / Render / Railway

Database → MongoDB Atlas

Why Cloudflare Is Safe - Built-in DDoS protection

- Free SSL and HTTPS
- Global edge network
- Reduced server attack surface

Final Verdict Cloudflare is extremely safe and production-ready for frontend and edge APIs, but traditional Node.js servers should be hosted elsewhere.