✅ Day 5: Supercharge Your App with Netlify Edge Functions

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⚡ What Are Edge Functions?

Netlify Edge Functions let you run custom logic right at the **edge (closest to the user)** — improving performance, latency, and responsiveness.

Unlike traditional serverless functions (which run in a central location), edge functions run on **Netlify's global CDN**, closer to your users.

🔥 Why Use Edge Functions?

✅ Lower latency for dynamic content
✅ Personalized pages per user
✅ Lightweight and fast – cold starts = 0
✅ Modify responses, headers, redirects at runtime
✅ Great for A/B testing, localization, auth

🛠️ How to Create an Edge Function

1. Install Netlify CLI (if not already)

npm install -g netlify-cli

2. Create netlify/edge-functions/hello.js

export default async (request, context) => {

  return new Response("Hello from the Edge!", {

    headers: { "Content-Type": "text/plain" },

```
  });

};
```

3. Add to netlify.toml

```
[[edge_functions]]

  path = "/hello"

  function = "hello"
```

4. Deploy with:

```
netlify deploy --prod
```

Visit https://your-site.netlify.app/hello to see the result!

🌍 Use Cases:

- Serve location-specific content (e.g., language)

- Inject dynamic headers or cookies

- Perform lightweight auth checks

- Redirects based on user roles or devices

- Cache-control customization

📘 Resources:

- Netlify Edge Docs

- Netlify playground examples

- Works alongside traditional Lambda functions

📘 Series Repository:

🔗 github.com/Ghinaiya-Deep/Skill-Stack-by-DeepLogic-Labs

🙌 You now know how to deploy, secure, automate, and power up your apps on Netlify — all in just 5 days!

🙌 If you're excited about this series, don't forget to star ⭐ the repo and share it with your dev network!