Phishing Link Detector

Protect yourself online with ease. Our smart web app detects suspicious URLs instantly, helping users stay safe from phishing attacks.

Fast, simple, and built for everyday browsing protection.

The Problem

- Many internet users struggle with:
  - Identifying phishing links in real-time
  - Falling victim to online scams and fraud
  - Lack of simple tools for quick URL safety checks

Our Solution

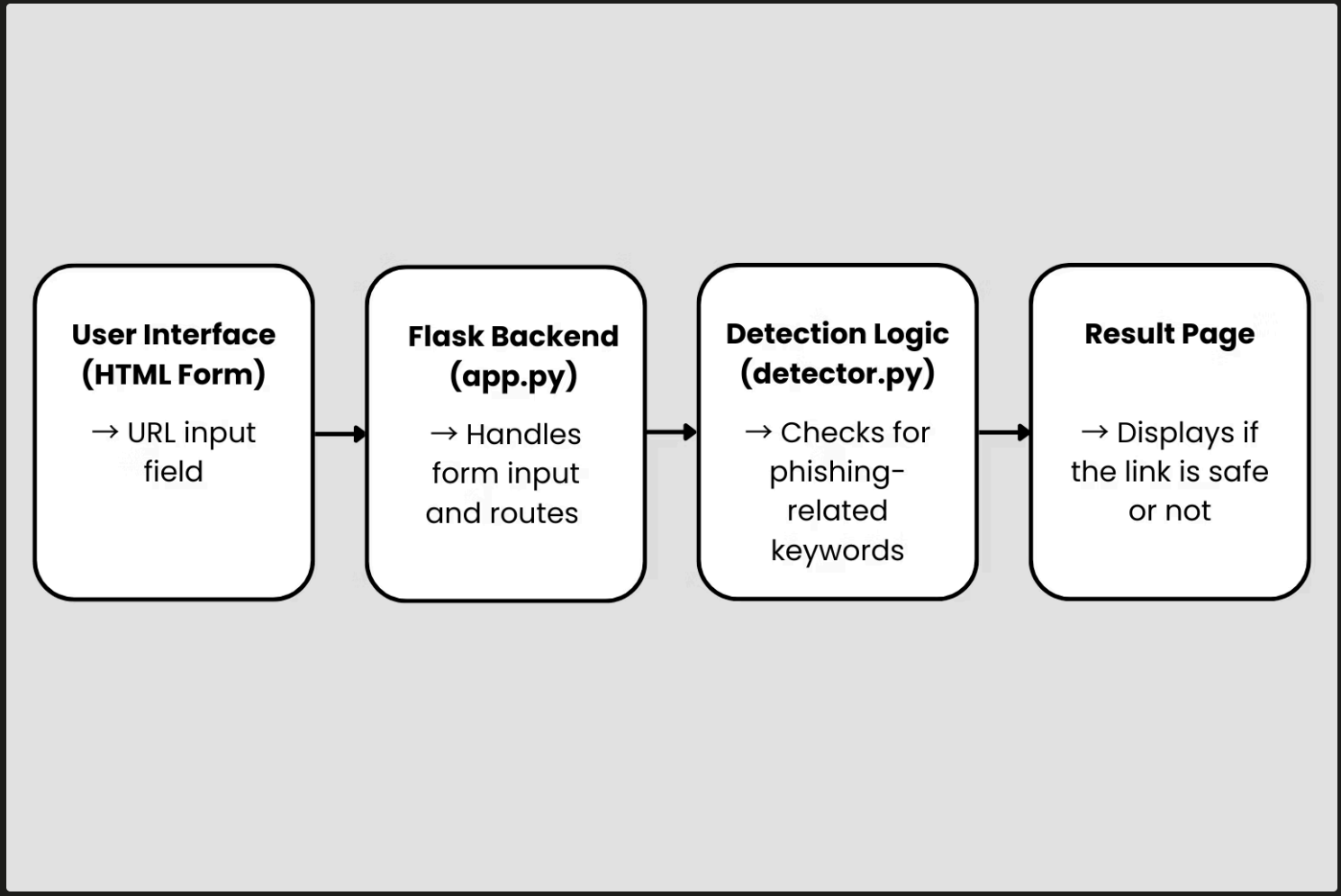
- We built a smart, web-based **phishing link detector**.
- Helps users:
  - **Instantly check URLs for phishing threats**
  - **Stay safe while browsing the internet**
  - **Build awareness against online fraud**

Technologies Used

- Frontend:
  - HTML
  - CSS
- Backend:
  - Python (Flask framework)
- Logic:
  - Simple string-based keyword matching

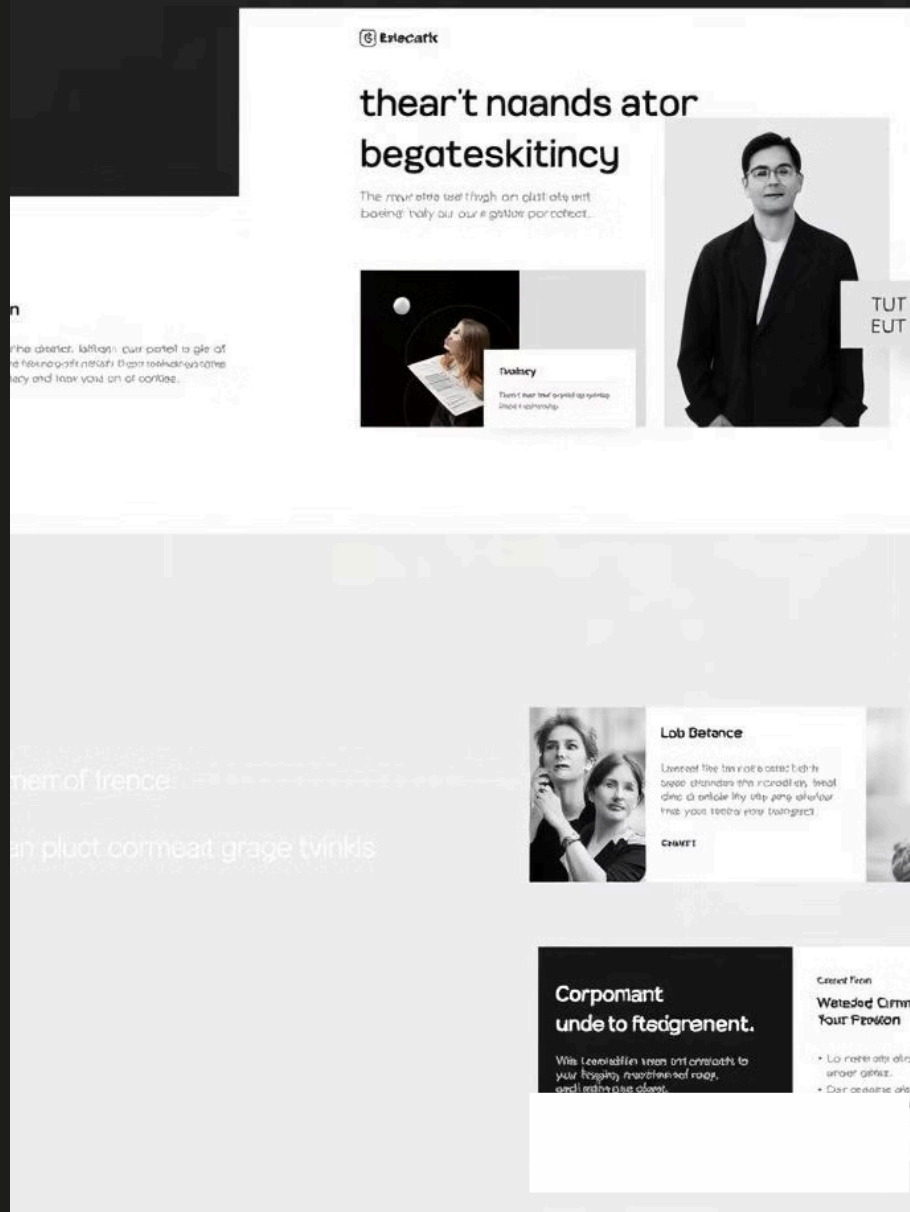
System Architecture

- **Block Diagram:**



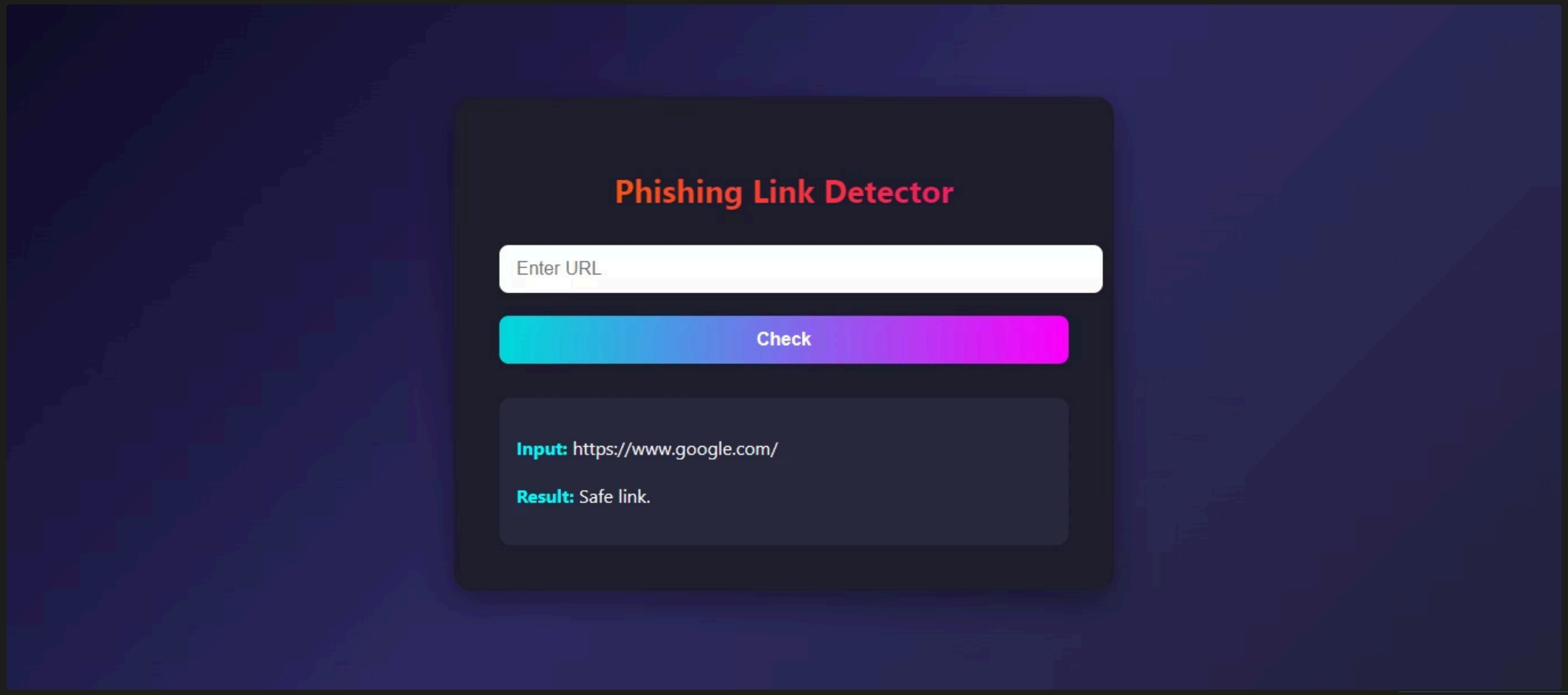
Key Features of Our Websites

1. **Minimalistic and user-friendly web interface**
2. **Instant phishing check**
3. **Can be extended with Machine Learning or CSV datasets**
4. **Easy to deploy or host**



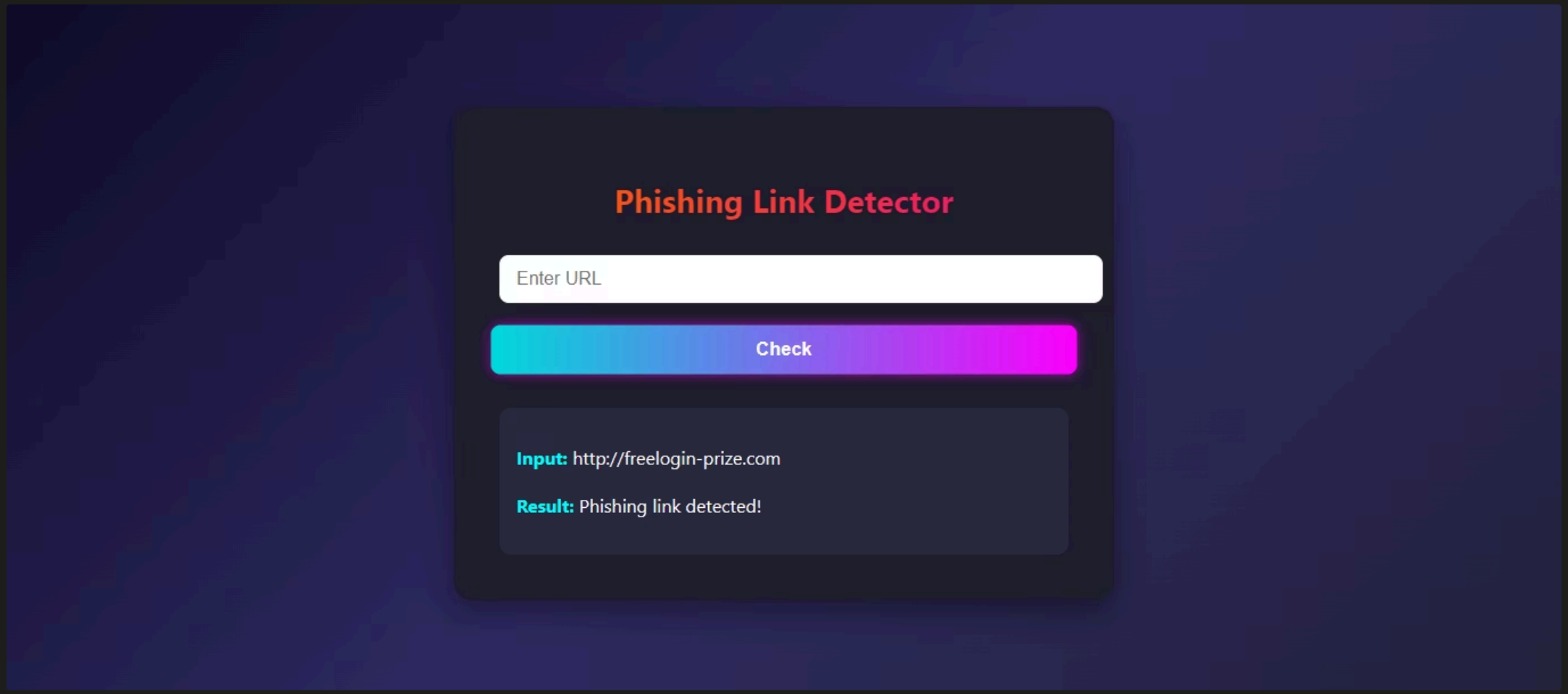
Demo

- Safe Link



Demo

- Phishing Link



Future Scope

- Integrate ML model trained on CSV of phishing URLs
- Add URL shortening detection
- Build browser extension from the same logic

Conclusion: Measuring and Improving Link Safety Awareness

100%

User Awareness

Empowers users to recognize and avoid phishing threats by instantly checking link safety.

0.5s

Detection Speed

Delivers real-time results with minimal delay using a lightweight Python backend.