



Developing a website to check for phishing domains

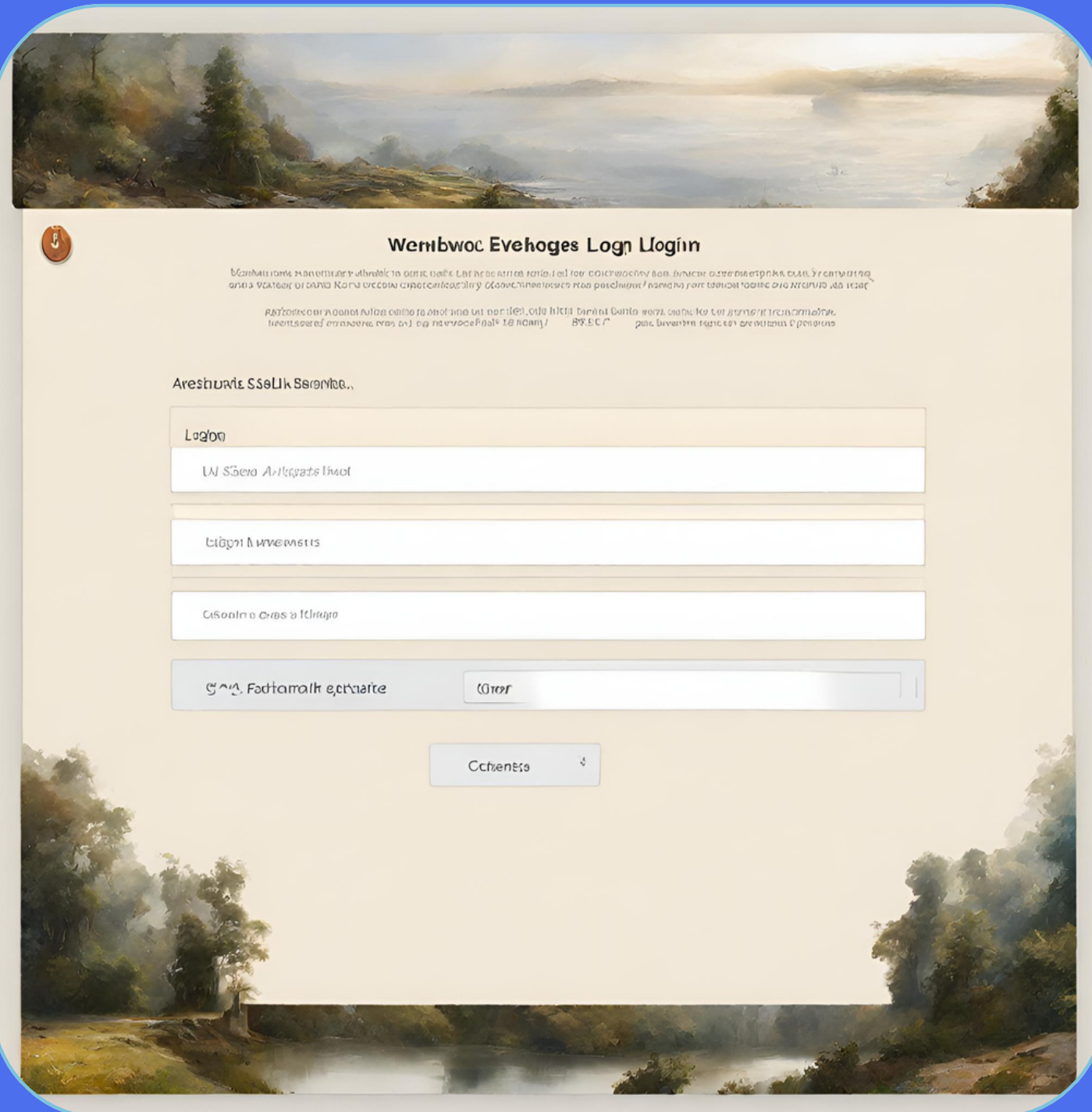
by applying AI/ML and basic coding principles
and libraries



web development

Topics Covered

- basic Idea behind the problem
- Basic framework of the potential solution
- **User Interface(UI)**
- Advantages
- Vulnerabilities



Basic Idea behind the problem



- A website/ software that can check for phishy domain names

Basic framework behind the potential solution



- **Wordlist/database to store harmful URLs**
- **Program to check if the site is phishy**
- **HTML framework for the user interface**

User Interface(UI).

- **A basic UI with a search bar and a list of harmful URLs to warn the user against using them**
- **URL list keeps updating to educate the user about harmful links**
- **easy to use and friendly**
- **understandable by people of all ages**

Advantages

- **easy to use for people of all ages**
- **friendly and easy to understand UI**
- **easy to maintain due to is UI design**

Vulnerabilities

- **only checks for phishing (old sites may not be discoverable)**
- **mostly considers sites with https:// as safe**
- **only sites present in the given wordlist are checked to match given domain**
- **the wordlist needs to be maintained and updated constantly**