



GreenSprout Solutions

A onespot solution for all planting needs

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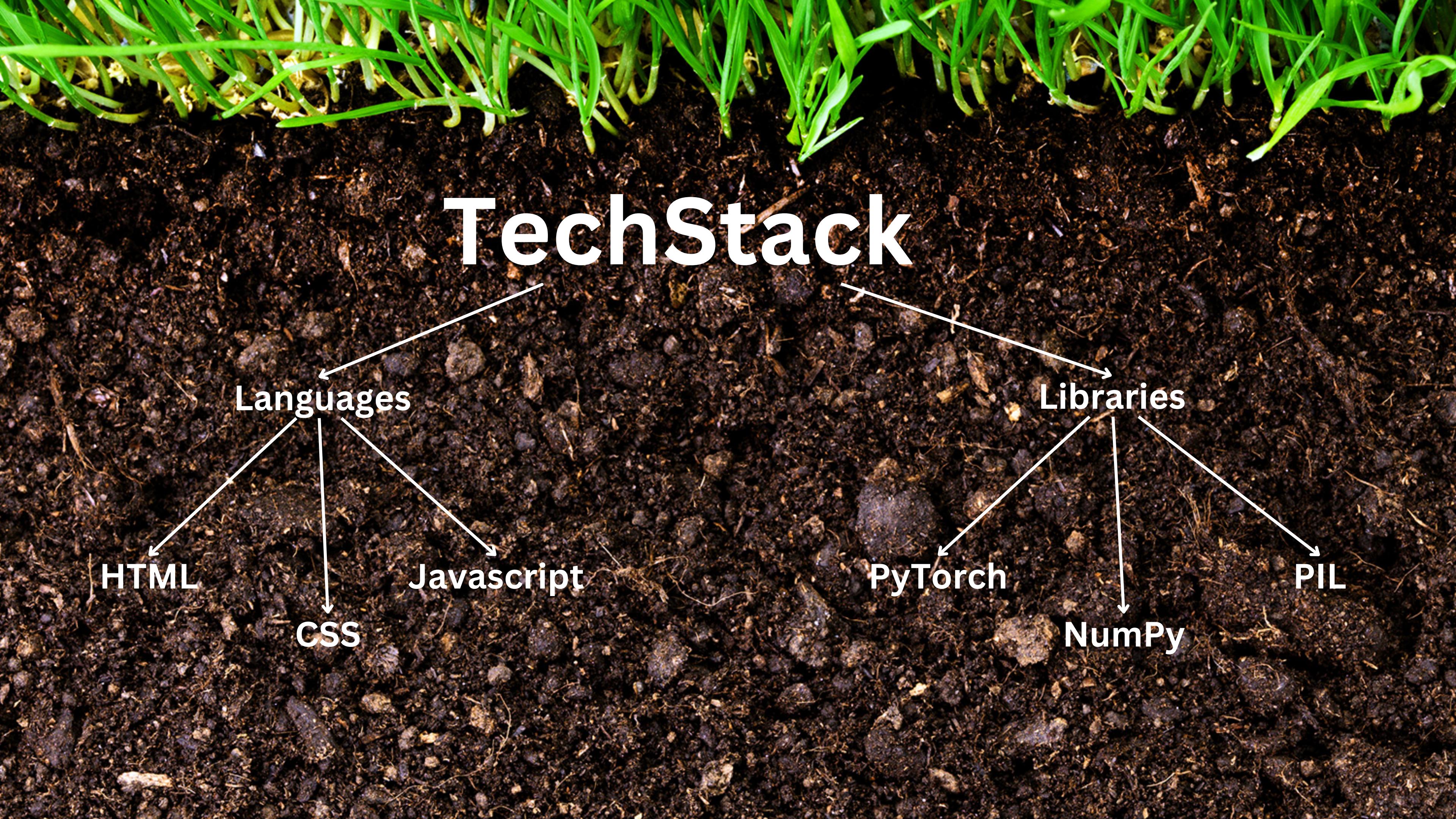
Deforestation in India

A photograph showing a massive pile of cut logs stacked in a clearing. In the background, a steep hillside is covered in dense green tropical forest. The foreground is a dry, brown, deforested area where the logs were cut.

- Deforestation started with the growth of agriculture but was exacerbated in the nineteenth century when British commercial forestry operations destroyed forests in mountain areas of Kerala, Tamil Nadu, and Karnataka. The Gangetic plains have been almost completely deforested for agriculture.
- Deforestation has become a widespread problem in modern times. We wish to solve this ever-growing problem.

Afforestation in India

- We have developed a website that promotes afforestation and educates visitors about the importance of planting trees. The website provides information on the benefits of afforestation, the impact of deforestation on the environment, and ways to get involved in afforestation efforts. The website also includes a section for visitors to donate to afforestation projects. The website is user-friendly, visually appealing, and accessible on all devices.



TechStack

Languages

HTML

CSS

Javascript

Libraries

PyTorch

NumPy

PIL

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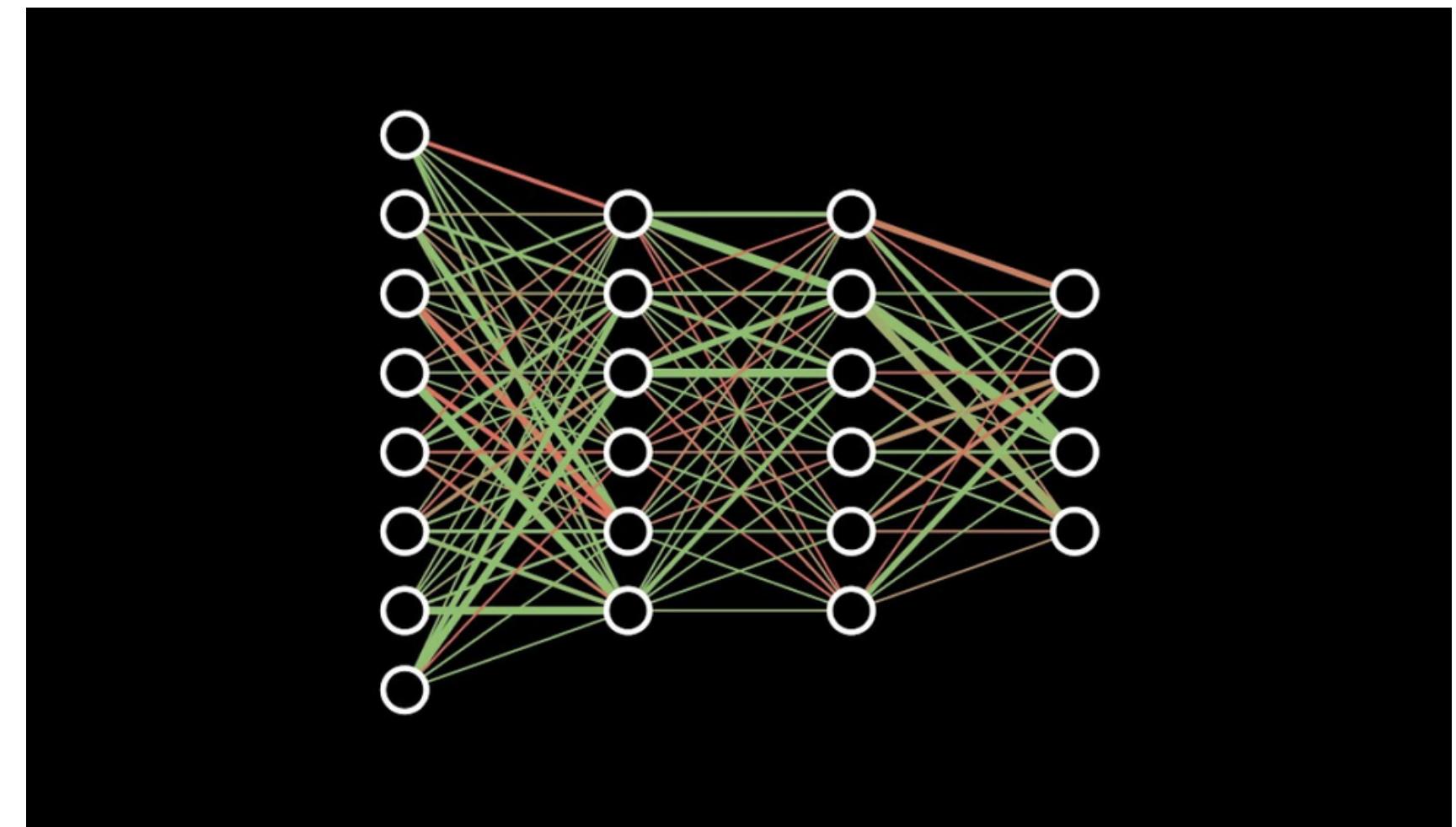
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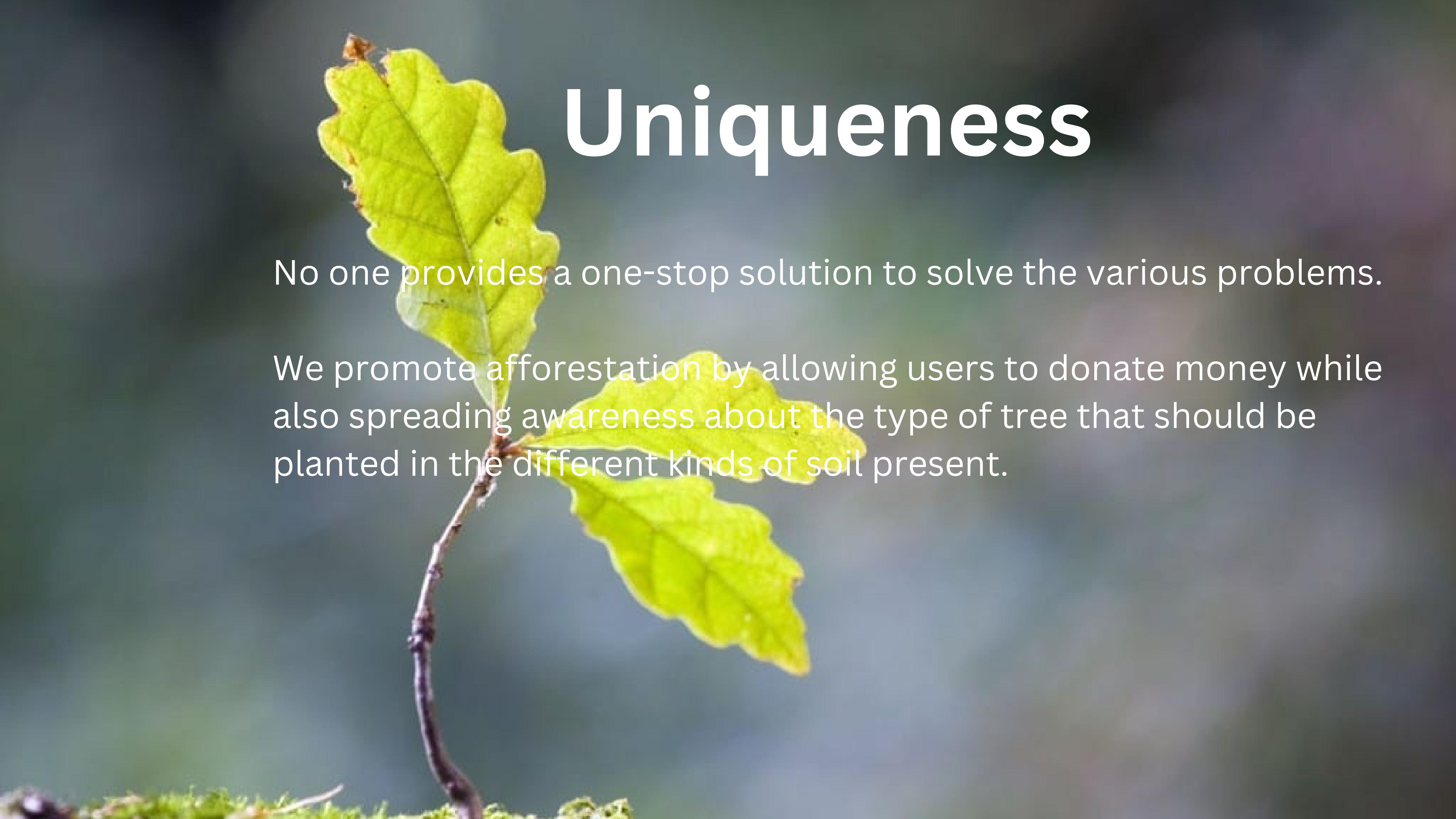
Pre-processing

- Resizing 128 x 128
- Data augmentation
 - 1. horizontal flip
 - 2. Rotation

Model Generation

**Custom Convolutional
Neural Networks were used
in the generation of the
model.**





Uniqueness

No one provides a one-stop solution to solve the various problems.

We promote afforestation by allowing users to donate money while also spreading awareness about the type of tree that should be planted in the different kinds of soil present.

Architecture Of Idea

We are creating a platform to spread awareness about the various types of soil available in India and to promote planting trees.

We wish to combat the growing challenge of deforestation and have come up with this model to allow everyone to contribute towards a better planet.

Those that have time can plant trees and those who do not can donate money to let us purchase the required materials.

About Us

- This website has been made while keeping in mind the rapid decline in forest area due to rapid industrialization.
- Our goal is to promote the growth of trees so that we can save this dying planet.
- We provide many services which will be elaborated in the latter part of the presentation.



Thankyou