Helpful resources for understanding CNNs, the project itself, and the libraries involved:

Fundamentals of CNNs:

Intuitively Understanding Convolutions for Deep Learning

Extensive guides:

How to Develop a CNN from Scratch for CIFAR-10 Photo Classification, Image Classification – Deep Learning Project in Python with Keras, Cifar-10 Image Classification Using Keras, CIFAR-10 Image Classification in Tensorflow

Keras libraries:

keras library tensorflow.keras library