

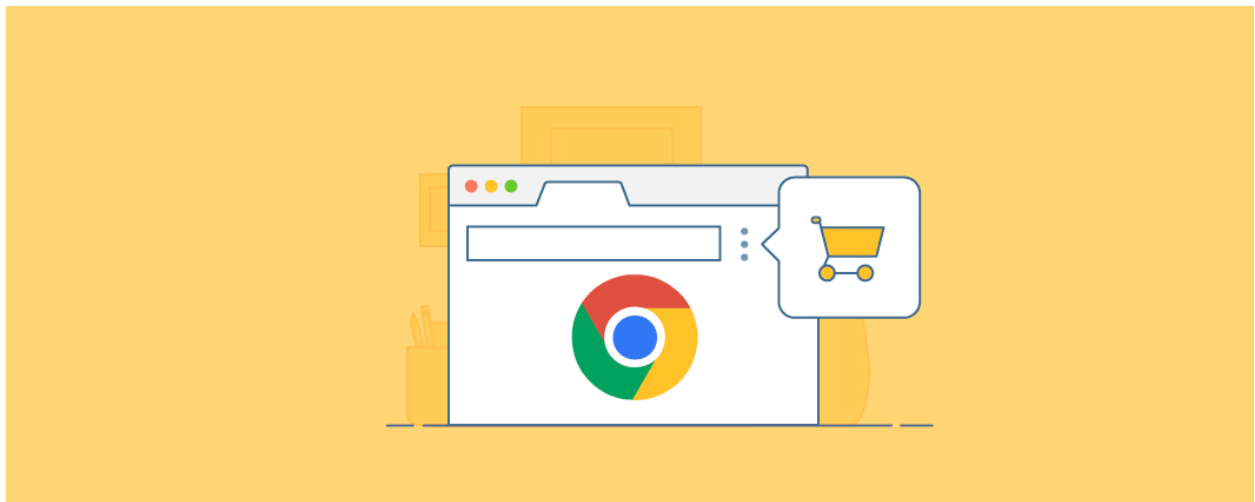
DIY Projects

Pricey

Expected time to finish **7-8 Day**

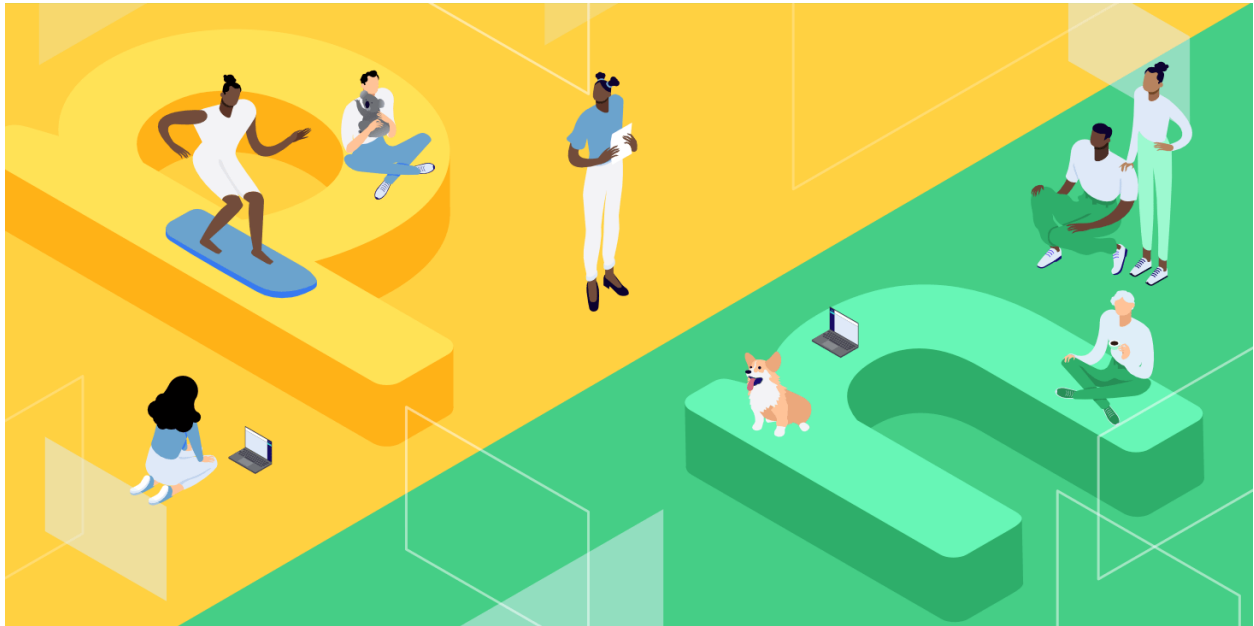
By **Priyanshu Srivastava**

Introduction



A Web Scraper Chrome Extension which can scrape variety of online e-commerce (like Amazon, Flipkart etc) websites to get you a the best price of a particular product.

Either you can make an extension which grabs the product out of present tab opened in chrome and shows its best price on different website with link to redirect you there or more simpler an extension where you have to type in the product name or id to get list of best prices.



You can use either the NodeJS framework or the Django framework for backend where you have to create a localserver which scraps data from the websites and extracts the price and provide relevant endpoints from which you can access those data on providing certain request params . For frontend you have to use HTML/CSS,JS to make chrome extension where you will call those endpoints and get the list of prices and show it on an eye pleasing frontend.

Tech Stack

- **HTML/CSS**
- **JavaScript**
- **NodeJS/Django**

Resources

Chrome Extension Basics

- [📺 Build a Chrome Extension – Course for Beginners](#)
- [📺 11.1: Introduction to Chrome Extensions - Programming with Text](#)

NodeJS

- [NodeJS Course by Coding Club IITG](#)

Web Scraping with NodeJS

- [📺 web scraping with NodeJS](#)
- [📺 🛠️ Web Scraping Amazon.com with Node.js, axios and JSDOM](#)

Alternatively you can use Django as a backend if you are more familiar with python than JS→

Django

- [📺 🔥 Ultimate Django Rest API Course in Hindi | Rest APIS using Django in one shot](#)
- [📺 Build a Django REST API with the Django Rest Framework. Complete Tutorial.](#) (For reference only you don't need to watch this completely)

Web Scraping with Python

- [📺 Web Scraping Tutorial using Python and BeautifulSoup in Hindi](#)
- [📺 Amazon Web Scraping Using Python | Data Analyst Portfolio Project](#)

Submission

The best projects will get featured in the next edition of **Debugged (Issue 3)**, our highly acclaimed club magazine, so don't forget to submit your projects upon completion!

After completing the project, fill this [form](#) to submit your hard work.