Vikas

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Github Linkedin   LeetCode

Backend Developer

I'm a determined backend developer skilled at Python.With a good understanding of Data Structures and Algorithms (DSA). I'd love to work with a company where I can get opportunities to learn new things and where I can make an impact that helps the company to grow. I look forward to being part of a focused, hard-working, and enthusiastic team.

Skills

Python, FastAPI, Django, Docker, Machine Learning, Deep Learning, NLP, SQL, Scrapy, Git, Flask.

Projects

E - Commerce - Feature rich buying and selling of goods   Github

- Used the modern technologies and tools such as Django, Postgresql and Bootstrap.
- User Registration and Authentication: The app should allow users to register themselves and authenticate themselves via a secure login process.
- User can signup via Google or Github.
- The product catalog is comprehensive and includes all the necessary details such as descriptions, prices, and images. The shopping cart functionality allows users to add and remove items as they wish. The checkout process is smooth and streamlined, ensuring a hassle-free purchase experience with payment options, shipping details, and order confirmation
- To improve the application's performance, I added Redis Cache and Rate Limiter. Redis Cache has significantly improved the application's speed and efficiency, making it more responsive to user requests. The rate limiter helps prevent overloading the server with too many requests and ensures a smooth user experience.
- To enhance security, I added a Captcha feature, which helps prevent bots from entering the application. This feature ensures that only real users can access the application, keeping sensitive user information secure
- Additionally, the application includes a search functionality that allows users to find products easily according to their budget. Users can also leave reviews and ratings for products they have purchased, providing valuable feedback to the business and other users.

Social Media API - Feature rich Sharing and publishing tools   Github

- Used the modern technologies and tools such as Fastapi and Postgresql
- Authentication and Authorization : Login with JWT Token.
- Implemented advance feature such as share post, likes and comments.
- They can search an user via name or id.
- Users can Follow and Unfollow another users.
- They can see the follow of another users.

Education

IGNOU - Bachelor's in Computer Application (2023 - 2026)