

Architecture of flask

What is Flask ?

- *Flask is a lightweight and powerful web framework for Python. It's often called a "micro-framework" because it provides the essentials for web development without unnecessary complexity.*
- *Unlike Django, which comes with built-in features like authentication and an admin panel, Flask keeps things minimal and lets us add only what we need.*

Flask is built on top of two powerful libraries

- **Werkzeug** : A comprehensive WSGI web server library that helps manage the application's request and response cycles.
- **Jinja2** : A templating engine that allows you to use dynamic HTML in your application, making it easy to build web pages with variables and loops.

IoT, Microservices & More

01 IoT backend
Support



Lightweight
microservices **02**



03 Automation &
web scraping



Cloud
deployment **04**



Web Development With Flask



1
Build
dynamic
web apps



2
Lightweight
& flexible



3
Jinja2
templating



4
Frontend
integration

RESTful APIs with Flask



Machine Learning with Flask

Deploy
ML models

1

Real-time
predictions

2

Web-based
AI tools

3