



Experienced Python Developer specializing in scalable web application development using Django and Flask framework. Strong problem-solving skills and a passion for staying up-to-date with industry trends, delivering high-quality code, and achieving outstanding results.

AKSHAT PAREKH

Python Developer

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WORK EXPERIENCE

FeroAI Freight Technologies LLP

April, 2024 - Present

INEXTURE Solutions LLP

April, 2022 - March, 2024

PROJECTS

• Route Connect - Saas Platform

Tech : Python, Django Rest Framework, PostgreSQL, Celery, Html, CSS, Javascript, Vue, Vuetify 2

Currently working on a SaaS platform for comprehensive order and trip management. The system facilitates the creation of orders containing multiple items, consolidates these orders into trips, and assigns the trips to drivers. Drivers utilize a dedicated mobile app to navigate to customer locations and deliver orders. Additionally, the platform includes a trip planning module that leverages the Veeroute API for optimized trip creation and route planning.

My responsibilities encompass both backend and frontend development using Vue.js, coordinating with the mobile app developer for API integration, and communicating with clients to ensure their requirements are met.

• Securese Forge

Tech : Python, Scrapy, Selenium, Playwright, BeautifulSoup, Pytest, datadoghq, shortcut, circleci

The Securese Forge is a brand protection tool, it protects the brand from piracy. It's a scrapping project to extract the required fields from the marketplaces. In this app, the scrapper scraps all the product details with the use of different scrapping tools and uses product data to protect brands.

My role involved creating scripts to scrape product data from various marketplaces using tools such as Scrapy, Selenium, Playwright, and BeautifulSoup. Additionally, I integrated the Rapid API to extract data from the marketplace and implemented mechanisms to restart dead scrapers.

• Company Management Hub

Tech : Django Rest Framework, PostgreSQL, Celery, HTML, CSS,

It is a SaaS based system with micro services modules. The system provides managing and tracking employees activities, leaves, projects, day to day records. I also have implemented role and permission based system. It enabled businesses to efficiently track employees, monitor project status, and gain valuable insights for performance analysis.

It is a centralized system to manage employees activities and project progress. I also have worked on its admin panel to manage all companies.

- **Shopping Sites Web Scrapping**

Tech : Flask , Flask Restful , Scrapyrt , Selenium , Amazon Cloudwatch , Cloudflare , Bubble.io .
In this project, I specialized in scraping product data from a wide range of shopping websites, totaling over 185+ sites. My responsibilities encompassed designing the backend infrastructure and developing custom scrapers for various websites. One notable challenge was designing a generic spider capable of efficiently extracting data from multiple Shopify websites.

I also integrated Cloudflare into the project to optimize image processing capabilities. Additionally, I utilized bubble.io, a no-code platform, to seamlessly integrate Python scripts.

- **Hospital Management System**

Tech : Django, Django Rest Framework, PostgreSQL, Django-OAuth, Celery, Pytest, HTML, Bootstrap
This project was build to enhance the operational efficiency of a healthcare facility. It was aimed to simplify various aspects of hospital administration and patient care. This system provides automation in doctor's appointment and managing patient records. I was responsible for designing the database, implementing backend functionality and customized user authentication which allow user to sign in using different social accounts.

SKILLS

BACKEND TECH

- Python
- Django Rest Framework
- Django
- Flask
- Scrapy
- Beautiful soup
- Pytest
- Selenium
- Playwright

FRONTEND TECH

- HTML
- CSS
- JavaScript
- Bootstrap
- Vue

DATABASE

- PostgreSQL
- SQLite

DEVELOPMENT TOOLS

- Pycharm
- Sublime
- Gitlab / GitHub
- Postman
- VS Code

EDUCATION HISTORY

Bachelor of Engineering 2018-2021

L.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY - Gujarat
Technological University

CGPA- 9.31 CPI-9.11

Diploma in Engineering 2015-2018

GOVERNMENT POLYTECHNIC AHMEDABAD -
Gujarat Technological University

CGPA- 8.26 CPI-8.27