KETAN NAGPURE

Mumbai

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SUMMARY

I'm a Full Stack Developer with 2 years of experience working with Python Django, Flask framework and React.js. I focus on creating scalable web applications with smooth user experiences and efficient back-end systems. I enjoy solving problems, building clean and maintainable code, and collaborating with teams to deliver high-quality projects on time.

SKILLS

Python, JavaScript, HTML5, CSS3, SQL, Django, Django (Rest Framework), Flask, RESTful APIs, Microsoft SQL Server, React.js, Next.js, Tailwind-CSS, Bootstrap, Framer Motion, VSCode, Git, GitHub, Postman, Nginx, Render, Vercel

WORK EXPERIENCE

Unilactic Enterprises   **Jan 2023 - Present**
Jr. Software Engineer   *Mumbai, Maharashtra*

- Developed an end-to-end e-commerce platform, implementing features like user authentication, product management, and order processing. Focused on building scalable back-end using Python Django, Django REST framework (DRF) and RESTful API integrations to enable smooth client-server communication.
- Built a dynamic, responsive front-end interface using Next.js, React-Bootstrap, and Chart.js, improving user engagement through interactive dashboards, smooth navigation, and real-time data visualization.
- Deployed the application on Azure and Virtual Machine with Nginx for load balancing, optimized database performance with Microsoft SQL Server, and ensured quality through Django unit testing and API testing with Postman.
- Developed a highly scalable and robust web scraping application using BeautifulSoup, extracting, processing, and injecting large volumes of structured data into a database with optimized performance and error handling.
- Developed and deployed a static website using Django and Bootstrap, ensuring a responsive and visually appealing user interface. Configured Nginx as a reverse proxy and hosted the application on a virtual machine, optimizing performance and security.

PROJECTS

Modern Full-Stack Weather & Travel Companion App

- Developed a full-stack web application that provides real-time weather updates, travel recommendations, and news insights by integrating multiple APIs (OpenWeather, WeatherAPI, GNews, Wikimedia) for comprehensive travel assistance.
- Implemented AI-powered itinerary generation and news sentiment analysis using Hugging Face models, enhancing user experience with personalized trip planning and context-aware news updates.
- Built an interactive, visually appealing UI with React, Framer Motion, TailwindCSS, and Recharts, while deploying the Django REST API on Render and the React front-end on Vercel for seamless performance and scalability.
- Live demo: https://weather-frontend-puce.vercel.app/

Personal Web Developer Portfolio

- Designed and developed a fully responsive personal portfolio using Next.js and TailwindCSS, ensuring a sleek, modern UI with seamless navigation across all devices.
- Integrated Framer Motion for smooth animations and deployed the site on Vercel, optimizing performance, SEO, and fast load times for an enhanced user experience.
- Live demo: https://port-rouge.vercel.app/

E-Commerce Web Scraping & Analytics Platform

- Built a full-stack web application for automated web scraping from an e-commerce website using BeautifulSoup, extracting product details, pricing, and reviews across multiple pages.
- Developed a Django REST API to process and store scraped data in MS SQL Server, ensuring efficient data management and seamless integration with the React.js front end.
- Designed an interactive UI with TailwindCSS, Redux, and Framer Motion, enabling real-time data visualization using Recharts to analyze pricing trends and product insights.

EDUCATION

IT Vedant Institute   **Jan 2022 - Jan 2023**
PG in Python-Web Development
University of Mumbai   **Jan 2018 - Jan 2021**
Bachelors of Engineering

CERTIFICATIONS

Certification of Python for Web Development
by IBM Developer Skills Network.

Certification of Python Programming
by IT Vedant Institute.

Certification of Web Designing
by IT Vedant Institute.