Jay Kotecha
Python Developer | AI-ML | Django Developer

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Profile

I am a Python Developer with expertise in building backend systems and automation solutions using Django. With practical experience in web scraping and AI/ML, I focus on delivering scalable, data-driven applications that improve decision-making and streamline operations. Driven by innovation, I aim to contribute to impactful projects that enhance efficiency and user engagement.

Education

UKA TARSADIA UNIVERSITY   **Surat, Gujarat**
B-Tech in Information Technology (**CGPA: 7.52**)   **[2021-2025]**

SANSKAR DEEP VIDHYA SANKUL   **Surat, Gujarat**
12th Science with PCM (**Percentage: 87.67**)   **[2019-2021]**

Technical Skills

Language: Python

Technologies/Libraries: BeautifulSoup4, Scrapy, Requests, Pandas, NumPy, Matplotlib, Seaborn, OpenCV, EasyOCR, Tesseract OCR, OpenAI, RAG Architecture, Hugging Face, Git\GitHub

Frameworks: Django, Django Rest Framework (DRF), Flask, FastAPI, TensorFlow, LangChain, Streamlit

Databases : MySQL, PostgreSQL, SQLite ,Pinecone, MongoDB

Tools: Visual Studio Code, PyCharm, Jupyter Notebook, Google Colab, Replit, Selenium

Work Experiences

Softnoesis Private Limited   **Surat, Gujarat**

Role: Python Developer   **[December 2024 to Current]**

- Developed and deployed scalable Django-based web applications with integrated authentication, database management, and user-friendly interfaces to enhance client solutions.
- Built and optimized automation workflows and AI/ML-powered tools using Python, Django, and web scraping, enabling efficient data extraction, intelligent processing, and improved business decision-making.
- Designed and implemented RESTful APIs for seamless integration between front-end and back-end systems, improving application performance and scalability.

Vrutti TechnologiesPvt. Ltd.   **Surat, Gujarat**

Role: Intern in Python(Summer Intership)   **[May 2024 to July 2024]**

- To leverage my technical Skills and experience in Python (AI/ML) developer to contribute to the success of progressive contribution.
- Worked on Python-based AI/ML concepts and applied them in small-scale projects to strengthen practical understanding.
- Gained hands-on exposure to real-world problem-solving using libraries like NumPy, Pandas, and Scikit-learn.

CodSoft Virtual Internship

Role: Python Developer **[April 2024 to May 2024]**

- Completed three real-world Python projects, improving code quality and reducing debugging time through unit testing and peer reviews.
- Worked with teammates by checking their code, giving suggestions, and helping everyone follow good coding practices..
- Got hands-on experience with Python tools and Git, which made the work process smoother..

Projects

Ballysbet Gaming Website Data Scraping| Link

- Open the executable (.exe) file, which prompts the user to enter their username, password, and desired Excel file name for storing data.
- Automatically launches the Excel file and navigates to the **BallysBet** website, handling authentication and interface loading.
- Initiates live data scraping by accessing the "Round" section, capturing real-time data, and updating the Excel file accordingly.

ShakeBot AI Agent | Link

- **Designed and built "ShakeBot"**, a Python-based RAG agent for Shakebug's platform to automate bug triaging and user response handling.
- **Implemented retrieval-augmented workflows** to analyze user-reported bugs, classify issues by severity, and deliver real-time suggestions or follow-ups.
- **Integrated ShakeBot with backend tools** to improve bug reporting accuracy, reduce manual workload, and accelerate the developer feedback loop.

E-Commerce site in Django | Link

- Developed a Django-based E-Commerce platform showcasing mobile phones with dynamic listing and price tracking features.
- Implemented user-defined price alert system using Django forms and automated email notifications.
- Built an interactive and responsive web interface to enhance user engagement and streamline price monitoring.

Doctor-Patient Voice Recognition & Transcription System| Link

- Built a healthcare voice recognition system to record and process doctor–patient conversations.
- Integrated Azure Speech-to-Text API for accurate real-time transcription.
- Improved clinical workflows by enabling structured digital medical records, reducing manual note-taking, and increasing consultation accuracy.

Achievement And Certificate

- TFWS(Tuition Fees Waiver Seat/Top5%HSC Students) Scholarship awardee.
- Solved **100+ problems** across various Coding platform.