Anand Yadav

Python Developer

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PROFILE

Python and Django backend developer with 4+ years of experience building scalable web applications. Over 1+ year of expertise in AI, Machine Learning, and Generative AI, with a focus on NLP and LLMs. Proficient in RESTful APIs, database management, and AWS deployments with 2 years of cloud experience. Passionate about delivering efficient, intelligent, and cloud-ready solutions.

SKILLS

- **Programming Languages**: Python, HTML, CSS, JavaScript
- **Frameworks**: Django, FastAPI, Flask
- **AI/ML Tools**: OpenAI, Gemini, LangChain, LangGraph, Hugging Face, spaCy
- **Generative AI**: RAG AI, Agentic AI, LLMs (GPT, LLaMA, Mistral)
- **Databases**: MySQL, SQLite, PostgreSQL, Firebase
- **Cloud/DevOps**: AWS, DigitalOcean, Docker, CI/CD
- **Data Tools**: Pandas, NumPy, OpenCV
- **Vector Databases**: ChromaDB, Qdrant
- **Other**: Stripe, Prompt Engineering, REST APIs

PROFESSIONAL EXPERIENCE

Augurs Technologies   Aug 2022 – present
Python/Django Backend Developer | AI/ML Engineer   Lucknow
- Developed scalable Django-based web applications, improving system performance.
- Built RESTful APIs with OpenAI and Gemini integrations, powering AI chatbots.
- Applied NLP using spaCy for sentiment analysis, reducing content processing..
- Deployed applications on AWS with Docker, optimizing CI/CD pipelines.
- Integrated Firebase for real-time data and Stripe for secure payments.
- **Tech Stack**: Python, Django, FastAPI, PostgreSQL, Firebase, Stripe, OpenAI, Gemini, LangChain, LangGraph spaCy, AWS, Docker

Technophilic Private Limited   Sep 2020 – Aug 2022
Python Developer   Lucknow
- Developed and maintained academic lawyer management systems websites to streamline course management, student records, and faculty communications.
Tech Stack: Python, Django, HTML, CSS, JavaScript

PROJECTS

Niko AI
RAG AI Chatbot
- Built an Agentic AI-based system that routes natural language prompts to appropriate agents (SQL or conversational). Implemented prompt normalization, SQL generation, and real-time execution to allow users to query data using plain English.
Tech Stack: Python, FastAPI, LangChain, LangGraph, Gemini, SQLite

Nele AI
Nele AI – Insurance Policy Chatbot
- Developed an RAG-based chatbot to process and answer queries from uploaded insurance policy documents.
- Built multiple AI agents for explanation, policy recommendation, appointment booking/cancellation, and slot availability using tool calling.
Tech Stack: Python, FastAPI, LangChain, LangGraph, NLP, SpaCy, Gemini, SQLite

PentestGPT
PentestGPT – AI-Driven Chatbot
- AI-Driven (Ollama): The AI responds to user queries based on the document's content, providing relevant information and insights.
Tech Stack: Python, Streamlit, MongoDB, Ollama

Fundraising

Donations Management

- Campaigns and donations management

Viewors

Task Management System

- Designed a role-based task management platform with deadline tracking, increasing team efficiency

Next Door Rental

Lender and Renter Application

- User Authentication: Implemented secure user signup and login functionality.
- Product Listing and Renting: Enabled lenders to list their products for rent, and renters to browse and rent products.
- Payment Integration: Integrated Stripe for secure payments and automated payment distribution.
- Chat Integration: Used Firebase for real-time chat functionality between users.

Recon Infra

Real estate

- A platform for agent management, commission structures, MLM, agent tree organization, plot booking, availability tracking, and cancellations.
- Includes payouts, a referral system, and tools to help agents grow their network and listings.

EDUCATION

BBD University   2016 – 2019

Bachelor of Computer Application(BCA)   Lucknow, India