Yogesh Patil

Python Developer | Deep Learning | NLP | Generative AI | Agentic AI

Email: yogeshpatil2824@gmail.com | Phone: +91-7028801807

1 PROFILE

Results-driven Python Developer with expertise in **Deep Learning**, **Generative AI**, **Transformers**, and **Prompt Engineering**. Skilled in **Agentic AI** and **Retrieval-Augmented Generation (RAG)**, with proven experience in building **intelligent Chabot's**, **AI-powered automation**, and **scalable web applications**. Strong background in backend development (**Django**, **FastAPI**), database integration, and delivering robust solutions for business challenges.

2 SKILLS

- **Programming**: Python, JavaScript, SQL, Bash, JSON, YAML
- **Backend Development**: FastAPI, Django, DRF, Flask, API Development, Microservices, Clover/CardConnect Integration
- **Deep Learning**: ANN, RNN, LSTM, GRU, Transformers, BERT, GPT
- **NLP/AI**: Text Classification, NER, Sentiment Analysis, Question Answering, RAG, Prompt Engineering, Agentic AI
- **Cloud/DevOps**: AWS (EC2, S3), Docker, CI/CD (GitHub), Linux
- **Databases**: PostgreSQL, MySQL, SQLite, MongoDB, FAISS, Pinecone, ChromaDB, Weaviate
- **Libraries/Tools:** Pandas, NumPy, Scikit-learn, Hugging Face, TensorFlow, PyTorch, OpenAI, LangChain, Langraph, CrewAI, LlamaIndex, LangSmith
- Version Control: Git, GitHub

3 PROJECTS

- Supply Chain Management System

    - Web-based app with payment processing and **AI-driven support**.
    - Tech: **Python, Agentic AI, RAG, SQL, Clover Gateway**
    - Built **Chabot using Agentic AI** to perform order actions via APIs.
    - Implemented **RAG pipeline** for refund queries and customer support.
    - Integrated **Clover Payment Gateway** for transactions.

- Automated Complaint Classification System

- NLP-based classifier to route customer complaints to appropriate departments.
- Tech: **Python, LSTM, GRU, BERT, NLP, Email Automation**
- Trained and deployed **BERT-based classifier** for automated routing.
- Integrated with **email automation** for seamless complaint handling.

- Gaming Platform (Django)

  - Django-based gaming platform for client and customer management.
  - Tech: **Python, Django, JavaScript, PostgreSQL**
  - Developed **customer-facing UI** for better user experience.

4 EDUCATION

- Master's degree in Data science
  - Symbiosis University (2024-2026)
- Bachelor's Degree in Mathematics
  - Savitribai Phule Pune University, Nowrosjee Wadia College (2019 – 2022)

5 WORK EXPERIENCE

- Software Engineer - Chetu – World-Class Software Solutions   June 2023 - Present

  - Developed **GenAI** and **Agentic AI**-based solutions for enterprise clients.
  - Implemented **LLM-based systems**, **RAG pipelines**, and **multi-agent workflows**.
  - Integrated **Clover Payment Gateway** for smooth payment device transactions.

- Python Developer – EBOT TECHNOSOFT LIMITED(payroll),
                          Cybage Software(Off-Role)   Sep 2021 –June 2023

  - Built scalable **web applications** using **Django**, **PostgreSQL**, and **Python**.
  - Developed customer-facing **UI modules** using **JavaScript** and responsive design.