Shailesh Tanaji Patil

Portfolio
Linkedin

Email: patilshailesh4002@gmail.com
Mobile: +917620299530

EDUCATION

- **Pune Institute of Computer Technology** — Pune Maharashtra, India
  Bachelor of Engineering - Information Technology; GPA: 9.14 — *August 2023 - July 2026*

- **Dr. Babasaheb Ambedkar Technological University Lonere.** — Raigad Maharashtra, India
  Diploma In Computer Engineering; GPA: 9.46 — *January 2020 - July 2023*

SKILLS SUMMARY

- **Languages**: Python, C++, SQL, Core JAVA, HTML, CSS.
- **Frameworks**: NLTK, Scikit-Learn, Pandas, NumPy.
- **LLM'S**: OpenAI, Gemini, Hugging-Face, Langchain.
- **AI**: Natural Language Processing, Vector Embeddings, Machine Learning, Generative-AI.
- **Coursework**: Data Structure and Algorithms , Computer Networks, DBMS, OOP, OS.

PROJECTS

- **Intellecta - Info Scratcher Tool**: LINK

  - Intellecta an AI-powered tool is designed to assist users in efficiently extracting information from any URL-based content.Built using LangChain, FAISS, and Google Generative AI, the model allows users to input a URL from various sources—news articles, blogs, research papers, or any web content—and ask detailed questions..

  - Implemented advanced question-answering and contextual search capabilities, handling articles up to 10,000 characters in length with 500+ character overlap for comprehensive analysis.

  - Built a vector database with FAISS for similarity search, storing and querying up to 1000+ text embeddings.Integrated Google Generative AI to generate embeddings and answer queries with a response temperature of 0.3 for high-precision results.

  - Tech Stack: Python, Streamlit, LangChain, Google Generative AI, FAISS (vector database), RecursiveTextSplitter, UnstructuredURLLoader,dotenv.

- **Career Fit-AI - A Resume Evaluation tool** : LINK

  - Developed CareerFit AI" is an advanced resume evaluation tool designed to assist job seekers in optimizing their resumes for specific job opportunities. CareerFit AI offers a comprehensive analysis of resumes against job descriptions to provide valuable insights and actionable feedback.

  - Leveraged generative AI technology to provide personalized feedback, ensuring resumes effectively highlight candidates' strengths and align with job requirements. Implemented a comprehensive analysis feature that compares resumes against job descriptions, delivering actionable insights for improvement.

  - Tech Stack: Machine Learning, Streamlit, Generative-AI, Python.

- **SpamShield - Email/SMS Spam Classifier** : LINK

  - Built Spam Shield, an advanced machine learning-based solution designed to detect and filter out spam emails and SMS messages effectively with 90 percent accuracy. Utilizing cutting-edge machine learning algorithms, Spam Shield accurately classifies and blocks ensuring clean and secure inbox for users.

  - Tech Stack: Machine Learning, Streamlit, Python, Data, Classification.

CERTIFICATIONS

- **Natural Language Processing (NLP) Certification: (Great Learning)** :

  - Gained proficiency in NLP pipelines, including data preprocessing and cleaning. Learnt various embedding techniques like One-Hot Encoding, Bag of Words, TF-IDF, and Word2Vec.

  - Conducted sentiment analysis and other advanced NLP tasks on diverse datasets.

- **Exploratory Data Analysis (EDA) Certification: (Great Learning)** :

  - Acquired skills in performing in-depth Exploratory Data Analysis (EDA) to extract valuable insights. statistical techniques and visualization tools to uncover patterns and trends.

  - Developed expertise in data preprocessing, cleaning, and feature engineering for better performance.

ACHIEVEMENTS

- Achieved 97.30 in 6th Sem of diploma (2nd Rank)
- Got All Maharashtra rank 202 from 45000+ student
- Leaded my Diploma team in Garda project competition and collage presentation.
- Solved 500+ DSA problems across various coding Platform.

PLATFORMS LINKS

Leetcode	Linkedin	Portfolio	Github
Codeforces	GFG		