

Atharwa Suryakant Shriramwar

AI/ML Developer · Vidyalkar Institute of Technology, Mumbai
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ABOUT

AI/ML Developer with hands-on experience building intelligent systems — from fine-tuning transformer models and deploying NLP pipelines to architecting LLM-powered applications and automation workflows. Proficient in Python, HuggingFace Transformers, FastAPI, and Flask with a strong grasp of LLM orchestration, RAG architectures, and production ML. Seeking internships where I can build, automate, and ship things that matter.

EDUCATION

B.Tech in Electronics & Telecommunications — Vidyalkar Institute of Technology, Mumbai · 2023–2027 · CGPA: 9.0 / 10

Coursework: Data Structures & Algorithms, Probability & Statistics, Digital Signal Processing, Linear Algebra, Python Programming

SKILLS

AI / ML: LLM Fine-tuning, BERT & Transformer Models, Agentic AI, RAG Systems, Prompt Engineering, Structured Output Validation, Text Classification

Data Science: NumPy, Pandas, Matplotlib, scikit-learn, Feature Engineering, Model Evaluation, Hyperparameter Tuning, Probability & Statistics

Frameworks: FastAPI, Flask, React.js, HuggingFace Transformers, Git, GitHub, Jupyter Notebook, VS Code

Languages: Python, JavaScript

WORK EXPERIENCE

AI/ML & Automation Developer · Mediahh Studios · 2024 – Present

- Designed and shipped AI-powered automation workflows for a 360-degree marketing agency, streamlining campaign operations and client reporting pipelines
- Built ML-driven tools for automated data extraction, audience insights, and content analytics using Python and LLM APIs
- Integrated LLM-based solutions into marketing operations to automate repetitive tasks and measurably improve operational efficiency
- Identified and implemented AI features that directly impacted client deliverables and reduced turnaround time

PROJECTS

Factra — BERT Fake News Detector 🔗 [Python](#) · [Flask](#) · [HuggingFace Transformers](#) · [NLP](#)

- Fine-tuned bert-base-uncased on a labeled real/fake news corpus framed as a binary sequence classification task
- Engineered full NLP pipeline from scratch — raw text ingestion, tokenization, attention masking, training loop, and evaluation
- Achieved 93.4% F1-score, 92.8% precision, and 94.1% recall on the held-out test set in a 2-epoch run on limited compute
- Served trained model via Flask REST API with structured JSON responses and Pydantic input validation for production-ready inference

RoomieMatch AI — Co-living Platform 🔗 [Python](#) · [FastAPI](#) · [LLMs](#) · [RAG](#) · [ChromaDB](#)

- Built an AI-powered roommate matching platform for students and job seekers in Mumbai & Pune using LLM-driven compatibility scoring
- Designed compatibility engine using user profiles (budget, lifestyle, habits) to generate AI-driven match scores via an LLM recommendation pipeline
- Integrated RAG pipeline with ChromaDB vector embeddings for profile-based semantic search and LLM-generated match explanations
- Deployed FastAPI backend with structured output validation, schema enforcement, and scalable local service integrations

Smart Diet & Fitness Planner 🔗 [Python](#) · [AI/ML](#) · [Recommendation System](#)

- Built an AI-powered nutrition and meal planning platform generating personalized diet recommendations based on user goals and activity levels
- Designed calorie and macronutrient tracking workflows with dynamic user profiling and real-time progress monitoring
- Developed recommendation logic for optimized meal planning using scikit-learn models trained on nutritional datasets
- Scoped scalable integration for AI coaching assistants, fitness APIs, and real-time health analytics dashboards