HARSH RAWTE

Mumbai, Maharashtra

📞 +91-7045301344   ✉ harshrawte.dev@gmail.com   🔗 LinkedIn   GitHub   🌐 Portfolio

EXPERIENCE

S3kTech | MyAiGuru   **06 2025 – Present**
Full Stack and AI Intern (Remote)   *Mumbai, India*

- Enhanced web platform efficiency by implementing a modular development architecture and optimizing React.js components, which reduced load times and accelerated release cycles by 25%.
- Developed AI-powered solutions to address client-specific challenges, improving decision-making accuracy by 30%.

Suvidha Foundation   **03 2025 – 05 2025**
ML Research Intern (Remote)   *Mumbai, India*

- Researched AI-driven pedagogy by reviewing 70+ papers; proposed a RAG-based Transformer model that improved personalized LLM-powered learning outcomes by 60%.
- Designed a research-backed LLM-based educational chatbot framework focused on personalization and AI literacy.

PROJECTS

PrepNexus 🔗 | Transformers, HuggingFace, PyTorch, Scikit-learn, LangChain, PyPDF2, bs4   **04 2025**

- ∗ Designed an AI-driven Resume Analysis system leveraging a fine-tuned RoBERTa model to accurately recommend optimal job roles based on candidate profiles.
- ∗ Engineered an intelligent interview chatbot using LangChain and ChromaDB, leveraging LLaMA-3 (8B) to generate context-aware, real-time technical interview questions and answers.
- ∗ Implemented an automated job scraping pipeline using BeautifulSoup to extract and present up-to-date, role-specific job listings from Indeed, enhancing candidate job search efficiency up to 40%.

SelectifyAi 🔗 | NLP, Transformers, TF-IDF, Cosine Similarity, Fuzzy Matching, Scikit-learn   **01 2025**

- ∗ Built an AI-powered Resume Screening tool to boost recruitment efficiency, achieving 85% accuracy using Logistic Regression for classification and RoBERTa-based semantic similarity for candidate-job matching.
- ∗ Applied TF-IDF vectorization with spaCy-based NLP preprocessing leveraging lemmatization and stop-word filtering to extract key resume features for effective filtering.
- ∗ Integrated fuzzy string matching for skill relevance scoring and cosine similarity with contextual embeddings.
- ∗ Implemented batch processing and multithreading to process 50+ resumes enhancing system efficiency.

FinVerse 🔗 | React.js, Express.js, MongoDB, Python, PyMuPDF, RAG   **04 2025**

- ∗ Developed a full-stack GenAI-powered personal finance platform delivering real-time financial guidance via intelligent chatbot with secure Gmail-based authentication.
- ∗ Utilized Google Gemini API, LangChain, and RAG architecture for document-based QA, contextual interactions, and LLM-driven personalized quiz generation to enhance financial literacy by 60%.

EDUCATION

Vidyalankar Institute of Technology   **2022 – 2026**
B.Tech in Information Technology with Specialization in AIML(Honors) – **CGPA: 9.40**   *Mumbai, India*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript.
Web Development: HTML, CSS, Python (Flask), Node.js, Express.js, React.js, Tailwind CSS .
Deep Learning: TensorFlow, PyTorch, Keras, Scikit-learn, Hugging Face Transformers, LSTM .
Natural Language Processing (NLP): Tokenization, Lemmatization, TF-IDF, Cosine Similarity, PDF processing.
Databases: MySQL, PostgreSQL, MongoDB, Supabase.
Additional Technologies: Git, VS Code, Docker, Jenkins, AWS, LangChain, LangGraph, AI Agents.

CERTIFICATIONS

- Complete Data Science, ML, DL, NLP Bootcamp – Udemy
- Web Development using Python – CDAC(ACTS)Pune
- Data Mining – GreatLearning
- Flask Python – GreatLearning

ACHIEVEMENTS

- Invited by Ready Tensor to publish a technical article on **PrepNexus : Cracking Interview with AI**.
- Ranked 8th out of 100+ teams in the internal college hackathon, securing qualification for the national level Smart India Hackathon (SIH).
- Solved 150+ LeetCode problems in DSA and achieved a 4-Star rating in Python on HackerRank.