Adrija Dastidar
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Portfolio website - [Click here](#)

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Education

Dr.Vishwanath Karad MIT WORLD PEACE UNIVERSITY | PUNE   **[2022- 2026]**
B. Tech, Computer Science and Engineering (Specialization - Computer Science and Business Systems)

Experience

Infosys | Remote
Project Intern | Nov 2024 - Present [2+ months]
- Built MediTrain AI, a medical chatbot processing 100+ documents using LangChain and Hugging Face embeddings.
- Enabled fast retrieval with Pinecone Vector Search, handling 1M+ vectors for efficient query matching.
- Deployed on Render, achieving a 95% accuracy rate in context-driven question-answering with GroqAI.

BasketHunt | Remote
Web Developer Intern | 4 months
- Designed and implemented interactive dashboards for the website using React.js, improving data visualization and increasing user engagement by 35%.
- Built a daily conversational bot using LangChain and Groq integrated with Flask, enhancing customer support efficiency and reducing query resolution time by 40%.
- Streamlined workflows by integrating APIs and third-party services, achieving a 25% increase in data accuracy and a 15% reduction in manual processing time.

Tech Analogy | Remote
Human Resources Intern (Non Technical Role) | 3 months
- Managed 150+ employee records and scheduled 300+ interviews, streamlining recruitment with an online tracking system that reduced time-to-fill by 40% and increased qualified applicants by 25%.

Learn As You Go | Remote
Subject Matter Expert (Non Technical Role) | 4 months
- Handled 2,000+ real-time Math and Python queries, boosting website traffic and creating learning materials that increased student satisfaction by 30%, used by 300+ educators.

Skills

Soft Skills - Communication|Problem-Solving |Time Management|Teamwork|Creativity|Critical Thinking |Attention to Detail

Programming: C | C++ | Python

Development: JavaScript | Bootstrap | Tailwind CSS | React.js | Express.js | Node.js | TypeScript | PHP | Flask

Database: MySQL | MongoDB | DynamoDB | neo4j (graph database) | Pinecone (Vector Database)

Machine Learning: Scikit-learn | Hugging Face Transformers | LangChain | Pandas | NumPy | NLP | Knowledge Graphs

CMS: WordPress | Wix Studio

Other : Git | Web Scraping (BeautifulSoup, Selenium) | Docker | AWS

Projects

Spam Detection System | Comparative analysis
- **Description:** A machine learning project that classifies emails as Spam or Ham using NLP techniques.
- **Technologies:** Python, Jupyter Notebook, Scikit-learn, Pandas, TfidfVectorizer
- **Techniques:** Logistic Regression, K-Nearest Neighbors Classifier, Decision Tree Classifier, Random Forest, and SVM, achieving an accuracy of up to 98.7%.

Music Website - Cancion
- **Features:** Authentication, CRUD Operations, Dashboard, Backup, Audit, Language, Mood Management, Recovery
- **Technologies:** HTML, CSS, JavaScript, PHP, MySQL
- **Tools:** Git for version control.

Movie Website - MovieMatrix
- **Features:** Recommendation system (**Approaches:** Content-Based Filtering, Collaborative Filtering using KGPR), movies browsing and booking system, external API integration and payment gateway.
- **Technologies:** MERN Stack, Python, Machine Learning, Neo4j, TMDB API, MovieLens Dataset (1M), Razorpay Api
- **Tools:** Git for version control, deployed via Vercel, TMDB API, MovieLens Dataset (1M)

Real Time Threat Analysis - Incident Intel | Smart India Hackathon
- **Features:** Real-time cyber incident feeds, platform identification, data collection and analysis, threat visualization
- Spearheaded end-to-end full-stack web development and pioneering web scraping methodologies.
- **Technologies:** Python, Natural Language Processing (NLP), MERN Stack, Apache Kafka, NoSQL (MongoDB)
- **Tools:** Web scraping (Scrapy, BeautifulSoup),Git for version control, Kaggle Dataset (10M)