

ANNARHYSA ALBERT

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SKILLS

Tech Skills: Python, Machine Learning, Deep Learning, MySQL, Git, MATLAB, Power BI, Excel, HTML, CSS, JavaScript (React.js, Node.js), C/C++, MongoDB, Tableau, Arduino, RaspberryPi.

Soft Skills: Collaborative Leadership, Strategic Organization, Efficient Scheduling, Analytical Insight.

Languages: English, Hindi, Marathi, Tamil, German.

PROFESSIONAL EXPERIENCE

Nexus Spring '24 Fellow

Feb 2024- June 2024

HyperVerge (Remote)

- Worked on planning and designing a pipeline for fine-tuning the Llama 2-7B model, specializing in Python problem-solving.

Machine Learning Intern

Sep 2023 - April 2024

Bornbhukkad (Remote)

- Used web scraping techniques and transformers for analyzing food reviews of restaurants in Hyderabad.
- Worked on food engineering techniques for a healthy Menu design.

Machine Learning Research Intern

Sep 2023 - Dec 2023

GBJ Buzz (Remote)

- Performed various research strategies to make SaaS models for an automated sales pipeline.
- Organized and maintained records of all data collected during research activities.

Machine Learning Intern

Aug 2023 - Sep 2023

Suvidha Foundation (Remote)

- Worked on creating an effective summarization algorithm using NLP and Transformers.
- Constructed supervised and unsupervised learning models using Python libraries like Sci-kit-Learn, TensorFlow, and Keras to elevate the main motto of Suvidha through fundraising.

EDUCATION

Bachelors of Technology: Artificial Intelligence

2021-2025

SRM Institute of Science and Technology, Kattankulathur, India (CGPA: 9.64/10)

Achievements: Won Merit-Based Scholarship (AY: 2023-24 and 2024-25) **Courses:** OOPs, DSA, Deep Learning Techniques, Machine Learning, Computer Networks, GenAI and LLMs, Web Programming, Node.js and React.js.

PROJECTS

- **MoodMate:** A buddy to talk and guide you through your emotional journey. This bot will help you understand your feelings and get the right help. Tech Stack: JS, Python, Cosine Similarity, HTML, CSS, JS.
- **RAGfaq:** Retrieving data from Star Wars Wikipedia page and answering user's questions regarding Star Wars (A Trivia for the model). Tech Stack: Python, Transformers, HTML, CSS, JS.
- **CareerWise:** Built to assist secondary-level students with career choices along with a bot to help parents and students access information easily. Tech Stack: Dart, Python, XGBoost.
- **Rare Word Summarizing:** Identifying only rare words in a text to create a summary. Tech Stack: nltk, TF-IDF
- **Fine tuning LLMs:** For Python problem-solving by fine-tuning Llama 2-7B model. Tech Stack: LLMs, nltk
- **Market Minder:** A dashboard for stock price prediction. Tech Stack: dash, SVR, sci-kit-learn, plotly

ACCOMPLISHMENTS

- Microsoft Code; Without Barriers '24 Winner
- Qualified for the third round of SIH '23
- Google Analytics Beginners Certification
- Alteryx Foundation Micro-Credential
- MongoDB Developer Certification
- Machine Learning Specialization- Stanford, DeepLearning.AI, Coursera

ACTIVITIES

- Currently, leading a tech-driven community as an Admin of GitHub Community SRM.
- Worked as an Open-source contributor in Social Winter of Code (SWOC) '24.
- A Crowdfunding Intern at Muskurahat Foundation, I supported underprivileged education efforts.