A JYOTHSNA

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As a 3rd year Enginering student in Artificial Intelligence & Machine Learning at, I aspire to use AI and ML techniques to solve compelling and important problems and drive technology forward. I am committed to work with innovative teams using data insights in areas of AI, ML, LLMs, Prompt Engineering etc. As a student of continuous learning and building practical applications, I strive to stay at the forefront of technology.

An internship in your esteemed Organization will be mutually beneficial and I am looking forward to work with you & your teams for 3 – 6 months.

INTERNSHIP

Coitor IT Tech Pvt Ltd
Software Developer Intern   **May 2024 - July 2024**

During my 35-day internship as a Software Developer at Coitor IT Tech, I streamlined the business requirements gathering process, reducing project delivery time by 15%. I developed a standardized reporting framework, enhancing key performance metrics visibility and enabling data-driven decisions. I conducted AI-related research and implemented solutions, explored technologies like Power BI, web development, and prompt engineering, and created comprehensive reports and store analysis.

KEY COMPETENCIES

- C,C++
- Java
- Python

- HTML,CSS
- Prompt Engineering
  etc.

EDUCATION

B tech CSC With Artificial Intelligence and Machine Learning - Vellore Institute of Technology Chennai

CGPA : 9.19 (current)

Vidhya Niketan Public School , Coimbatore
Grade 12 Percentage : 86%

Kikani Vidhya Mandir , Coimbatore
Grade 10   Percentage : 90.6%

CERTIFICATIONS

- **Unsupervised Learning,Recommenders, Reinforcement Learning (DeepLearningAI / Coursera)**
- **Supervised MachineLearning: Regression and Classification (DeepLearningAI / Coursera)**
- **Advanced Learning Algorithms (DeepLearningAI / Coursera)**
- **Google Analyticsfor Beginner (Google Analytics Academy)**
- **Grandmaster of Abacus (SIP AbacusPvt Ltd.)**
- **Spoken Tutorial project at IIT Bombay**
  1. **Completion of C Training**
  2. **Completion of C++ Training**
  3. **Completion of Python Training**

EXTRACURRICULAR ACTIVITIES

- **Settar - University Volleyball Team**

- **Content and Research Member - MindPalace - A mental health advocacy**

PROJECTS

- **Web application - https://jyothsna-arun.github.io/Resume/**

- **Diabetes prediction using Machine learning**

  - Collected and preprocessed medical and lifestyle data to identify individuals at risk of diabetes.
  - Performed exploratory data analysis and engineered features for better model performance.
  - Trained Logistic Regression, Decision Trees, and Neural Networks, evaluating them with metrics like accuracy and precision.
  - The final predictive model aids in early detection and management of diabetes to improve patient outcomes.

- **Fake news prediction using Machine learning**

  - Performed exploratory data analysis and feature engineering, including TF-IDF vectorization.
  - Trained Logistic Regression, Decision Trees, and Neural Networks, evaluated with accuracy and F1-score.
  - The final model identifies fake news reliably to combat misinformation and improve information quality.