

# A R HRUDAYABHIRAM

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## EDUCATION

- **Panimalar Institute of Technology** Chennai, India
  - *Bachelor of Technology - Artificial Intelligence and Data Science ; CGPA: 8.10* *July 2021 - June 2025*
  - *Courses: Data Science, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

## SKILLS SUMMARY

- **Programming Languages:** Python, SQL, JavaScript
- **Frameworks:** Scikit , NLTK, Tensorflow
- **Tools:** IBM Watson, Apache Spark
- **Platform:** Windows, AWS, GCP
- **Soft Skills:** Leadership, Public Speaking ,Event Management, Writing, Time Management

## EXPERIENCE

- **National Institute of Technology, Tiruchirappalli** On-Site
  - *Summer Intern* *May 2024 - Present*
    - **Data Analytics Intern:** This internship focuses on practical applications in data science and analytics, allowing me to further develop my skills in Python, SQL, and data visualization
- **EY-GDS, AICTE** Virtual
  - *Data Analyst Intern* *Jan 2024 -April 2024*
    - **Research Intern:** Data analytics program made possible by the collaborative efforts of AICTE, EY-GDS, and Edunet Foundation! This incredible opportunity allowed me to dive deep into the world of DATA SCIENCE, learning from industry leaders and gaining hands-on experience
- **IBM, AICTE** Virtual
  - *Cyber Security Analyst Intern* *Oct 2023 - Dec 2023*
    - **Research Intern:** Cybersecurity Internship program, made possible by the collaborative efforts of AICTE, IBM SkillsBuild, and Edunet Foundation! This incredible opportunity allowed me to dive deep into the world of cybersecurity, learning from industry leaders and gaining hands-on experience
- **Trios Technologies, Chennai** On Site
  - *AI Intern* *Jul 2023 - Aug 2023*
    - **Research:** Gained hands-on experience with popular AI tools and frameworks like TensorFlow, Keras, and PyTorch and worked on several projects involving AI model development ,Built a machine learning model that could predict sentiment for customer reviews in the e-commerce domain with accuracy of 85

## PROJECTS

- **Assessment of Marginal Workers in Tamil Nadu(Machine learning , Data Analysis:** Conducted an in-depth analysis of marginal workers in Tamil Nadu, utilizing advanced statistical techniques and data mining methodologies. Collected and processed large datasets to uncover valuable insights into workforce dynamics, employment patterns, and socio-economic factors affecting marginal workers
- **Music Generation Using RNN:** Innovative project utilizing Recurrent Neural Networks (RNN) to generate unique musical compositions. Implemented Python, TensorFlow, and Keras to train the RNN model on a large dataset of musical notes. Achieved impressive results in generating melodious tunes with minimal human intervention
- **Prediction of student grades based on unsupervised ML:** Developed an advanced system utilizing Unsupervised Machine Learning techniques to predict student grades accurately. Employed clustering algorithms such as K-means and hierarchical clustering

## PUBLICATIONS

- **Research Paper: Towards Accessible Justice: An AI-Driven Legal Document Drafting Application for Unrepresented Litigants: AI-driven solution aimed at empowering individuals, particularly unrepresented litigants:**
- **Research Paper: Turning Reviews into Revenue: A Data- Driven Approach to Product Marketing with Sentiment Analysis):** Published a research paper in the International Journal of Scientific and Engineering Research (IJSER). The paper delves into the innovative use of sentiment analysis in product marketing strategies, demonstrating how data-driven insights from customer reviews can be leveraged to drive revenue growth.

## ACHIEVEMENTS AND WORKSHOPS

- Attending and won SYMPOSIUMS at Several Colleges
- AI Essentials Workshop , Madras Institute of Technology
- Data Science Workshop, IIT MADRAS

## COURSES

- **IBM DATA SCIENCE PROFESSIONAL CERTIFICATION:**