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Coimbatore, Tamilnadu, India.

Dynamic and motivated undergraduate student in the field of Artificial Intelligence and Data Science with a wide interest in leveraging data science methodologies to solve real-world problems. Eager to apply theoretical knowledge and practical skills in a professional setting as a Data Science fresher.

EDUCATION

- **KGISL Institute of Technology** B.Tech Artificial Intelligence and Data Science - 7.8% (2021 - 2025)
- **GKD Matriculation Hr.sec School** HSC - 88% (2019 - 2021)
- **Bishop Francis Matriculation school** SSLC - 86% (2009 - 2019)

WORK EXPERIENCE

- **Pantech Prolabs Pvt Ltd, Chennai, India.** (JAN 2024 - APR 2024)
Developed and implemented machine learning and deep learning models using python, scikit-learn, and tensorflow, achieving high accuracy in predictive analytics and image classification. Conducted exploratory data analysis and data visualization to uncover actionable insights. Created Dashboard using PowerBi.
Github : <https://github.com/rohitgugan/Pantech-Internship>
- **NoviTech R&D Pvt Ltd, Coimbatore, India.** (MAR-2024 - APR 2024)
Developed AI models for face detection, emotion recognition, hand gesture recognition, and vehicle detection using TensorFlow and OpenCV, achieving high accuracy in real-time applications. Conducted data preprocessing, model training, and performance evaluation.
Github : <https://github.com/rohitgugan/Novitech-Internship>

PROJECTS

- **Air Quality Analysis :**
Analyzing air quality data using machine learning algorithms to identify patterns and correlations, resulting in actionable insights for environmental improvement. Implemented data visualization techniques to effectively communicate findings and recommendations to stakeholders.
- **Dashboard Creation :**
Developed an interactive Power BI dashboard to analyze sales and marketing data. Utilized Excel for data integration, modeling, and complex calculations. Built interactive visualizations including bar charts, line graphs, and scatter plots to display sales trends and customer demographics performance.

PARTICIPATION AND CERTIFICATIONS

- Participated in **AWS Deepracer 2023** and shortlisted for **finalist**.
- Participated in **SIH 2023**.
- Participated in **Reality fest 2023**.
- Data Analysis with python (**FreeCodeCamp**).
- Completed Various Certification in Coursera certificates related to **Data Science , data analytics, Machine Learning, Statistics, Cloud, Devops, SQL, Deep Learning and Artificial Intelligence**.
- To view all Certificates : ([Click Here](#))

SKILLS

- **Tools** : Visual Studio, Jupyter Notebook, Github, Power BI, Google Colab, MongoDB, MySQL, Figma.
- **Technical Skills** : Python(Numpy, Pandas, Matplotlib, Sklearn, Tensorflow, keras), SQL, MS Office (Word, Excel, PowerPoint), HTML, ReactJs, Machine Learning, Deep Learning.
- **Soft Skills** : Leadership, Team Work, Story Telling, Critical Thinking.