HARI PRASAD

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I'm a Computer Science graduate passionate about Python development and data analytics with hands-on experience in SQL, Power BI, Tableau and Python. I'm eager to start my career where I can apply my skills, grow professionally, and contribute to real-world projects.

EXPERIENCE

Hindustan Aeronautics Limited   **Bangalore**
Intern in IT Department   *07/01/25 - 07/04/25*
- *Task Management System:*
    - Built a **Flask** backend with Pandas for **Excel**-based data storage and processing
    - Designed a responsive task-management **UI** using HTML, Bootstrap, and JavaScript
    - Built RESTful APIs for task **CRUD** operations and Excel data **exports**
    - Implemented interactive **analytics** to visualize task trends and support filtering by engineer, department, and user

Molex (India) Private Limited   **Bangalore**
Trainee   *18/05/21 - 17/05/22*
- *Served in the Maintenance Department in Stamping production:*
    - Performed 2D drafting and 3D modeling using Siemens NX and AutoCAD to develop **technical** drawings.
    - Performed preventive and corrective maintenance on press tools, implementing root-cause **analyses** and repairs to minimize unplanned downtime.
    - Worked with **cross**-**functional teams**- including toolroom, design, quality, and production—to enhance overall team performance.

PROJECTS

- **Power BI - Portfolio**   LINK
    - Developed a GitHub-hosted Power BI portfolio featuring dashboards for Sales Analytics, Insurance Analytics, and Netflix Content Analysis.
    - Connected to and extracted data from **Microsoft SQL Server, MySQL, Excel, Snowflake, Azure, GCP, and AWS** for comprehensive analysis.
    - Performed ETL using **Power Query Editor** and **Power BI Dataflows** to clean, transform, and standardize data.
    - Wrote advanced **DAX measures** for KPIs, trend analysis, and interactive reporting across dynamic visuals

- **Cardiac Diagnostics - Detection of RWMA in 2D Echocardiography**   LINK
    - Final year project in the **medical deep learning domain**, focused on detecting Regional Wall Motion Abnormalities (RWMA) in 2D echocardiography images.
    - Collected and used real-world medical datasets from **Kaggle** and **Stanford** for model training.
    - Implemented **classification (VGGNet, ResNet, EfficientNet)** and **segmentation (U-Net)** models, achieving a Dice score of **0.89**.

EDUCATION   **Bangalore**

Dayananda Sagar University *Bachelor of Technology, Computer*   **7 CGPA |** *2022 - 2025*
Nettur Technical Training Foundation *Diploma*   **8.4 CGPA |** *2019 - 2021*

SKILLS AND OTHER INTERESTS

Programming - **SQL** - SQL Server, MySQL, **Python** - Pandas, NumPy, Matplotlib, Seaborn
Tools - Power BI, Tableau, MS Excel, Google Sheets
Others - **Version Control** - Git, GitHub, Docker, **Cloud** – AWS, Microsoft Azure, VS Code, Notebook, Snowflake
Certification - AWS - Introduction to Cloud, IBM - Python for Data Analysis, Data Science, SQL & Relational Database
Language – English, Hindi, Kannada, Tamil   **Interests** - Learning AI