

S DHANUSHRAGAV

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SKILLS

- **Programming Languages** : Python (Pandas, NumPy, Matplotlib, Scikit-Learn), Java, R Language
- **Web Technologies** : HTML5, CSS, JavaScript
- **Tools/Platforms** : MySQL, DBMS, Linux, Git Bash, Tableau, Power BI, Microsoft Excel
- **Soft Skills** : Problem-Solving Skills, Team Player, Team Management, Adaptability

INTERNSHIP

- **Data Analyst Intern**
ADM Education & Welfare Society January 2025 – Present
Developed data analysis projects using **Python, SQL, Excel, and Power BI**, leading to a **20% improvement in data processing efficiency**. Cleaned and processed **1M+ data points**, ensuring accuracy and consistency in reporting. Designed **interactive dashboards in Power BI**, reducing manual report generation time by **30%**.
- **Machine Learning Intern**
Orinson Technologies December 2024
Developed and optimized **machine learning models** (Linear Regression, House Price Prediction, Student Performance Prediction) achieving **90%+ accuracy**. Applied **feature engineering and data preprocessing techniques**, improving model performance by **15%**. Developed and deployed a **Resume Analyzer** using NLP, automating candidate screening and reducing recruitment time by **40%**.

PROJECTS

- **Smart Tabular Question Answering System for E-commerce Data Analysis** February 2025 – Present
 - Developed an **AI-powered system** to process and analyze tabular e-commerce data, answering natural language queries with high accuracy.
 - Automated data extraction and response generation, reducing manual lookup efforts by **60%**.
 - Improved query response speed by **40%** through optimized data indexing and information retrieval algorithms.**Technologies:** Python, NLP, Pandas, Information Retrieval, Data Processing
- **Resume Analyzer** December 2024
 - Automated resume screening using **NLP techniques**, extracting key information, and categorizing resumes into relevant domains.
 - Improved candidate-job matching and reduced manual resume shortlisting efforts by **40%**.
 - Streamlined the recruitment process, cutting down resume processing time by **35%** through feature extraction and classification.**Technologies:** Python, NLP, Machine Learning, Scikit-learn, Pandas
- **Human Activity Recognition Using Smartphone Data** June 2024 – August 2024
 - Built a **machine learning model** to classify human activities such as walking, sitting, and standing using smartphone sensor data.
 - Processed 10,000+ sensor data points to improve classification performance and reduce model training time by **15%**.**Technologies:** Python, Machine Learning, Random Forest, Feature Engineering

CERTIFICATIONS

- Google Advanced Data Analytics, Google | [Link](#) January 2025 – March 2025
- Data Visualization: Empowering Business with Effective Insights, Tata Group | [Link](#) December 2024
- Machine Learning & Generative AI Workshops, IIT Roorkee September & October 2024
- Google Data Analytics Professional Certificate, Google | [Link](#) January 2024 - August 2024
- Hands-On Data Visualization with Microsoft Power BI, Infosys Springboard | [Link](#) August 2024
- Complete Data Science and Machine Learning Program, GeeksforGeeks | [Link](#) May 2024 - July 2024
- Front-End Web Development, LinkedIn | [Link](#) February 2023

ACHIEVEMENTS

- Attained **Rajya Puraskar Award** in Scouts and Guides January 2020

EDUCATION

- **Lovely Professional University** Jalandhar, Punjab
Bachelor of Technology in Computer Science and Engineering
(**Specialization: Data Science & Machine Learning**) | CGPA: 7.46 August 2022 - Present
- **Velalar Vidyalaya Senior Secondary School** Erode, Tamil Nadu
Senior Secondary School | Percentage: 74.8% April 2020 - March 2022
Higher Secondary School | Percentage: 84.5% April 2018 - March 2020