

# Kurupati Dheeraj

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## SKILLS

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- **Languages:** Python, Java
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** MySQL, Tableau, Git, Docker, Jenkins
- **Soft Skills:** Leadership skills, Adaptability

## PROJECTS

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- **Medical Insurance Prediction :** February 2025 - April 2025  
**Objective:** To build a predictive model that estimates medical insurance premiums based on features like age, BMI, smoking status, and region.  
Built a regression model using scikit-learn after preprocessing and encoding the dataset.  
**Outcomes:** Identified smoking, BMI, and age as key predictors of insurance costs; mastered data preprocessing, feature encoding, and regression modeling.  
**Tech Stack:** Python and libraries of Scikit-learn, Pandas, NumPy, Matplotlib was used. ([Project Link](#))
- **EDA on IMDB Movie Analysis :** June 2024 - August 2024  
**Objective:** To identify patterns and factors influencing movie success through data visualization and statistical analysis.  
Conducted univariate and bivariate analysis using Seaborn and Matplotlib for insight extraction.  
**Outcomes :** Discovered correlations between budget and revenue, identified popular genres, and honed skills in data storytelling with visualizations.  
**Tech Stack:** Python, Pandas, NumPy, Matplotlib, Seaborn. ([Project Link](#))
- **Blood Donation Website :** August 2022 - November 2022  
**Objective:** To design a user-friendly interface that streamlines the connection between blood donors and recipients.  
Developed a responsive frontend using HTML and CSS with layout and styling enhancements.  
**Outcomes:** Mastered responsive design principles and visual hierarchy to enhance user experience.  
**Tech Stack :** HTML, CSS frameworks were used to create responsive website.

## SUMMER TRAINING

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- DATA SCIENCE (BOARD INFINITY)** June 2024 - August 2024
- Gained hands-on expertise in Excel, SQL, and Python for data analysis and manipulation.
  - Strengthened ability to draw actionable insights from real-world datasets using analytical tools.
  - Executed an IMDB Movie Rating Analysis project to explore rating trends and distributions.
  - Gained Knowledge in Tableau with creation of various Dashboards.

## CERTIFICATIONS

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- Machine Learning And it's Applications by iHUB DivyaSampark, IIT Roorkee September 2024
- Foundation Course in Data Science by Board Infinity June 2024
- Getting Started with AI and Machine Learning by LinkedIn Learning February 2023

## ACHIEVEMENTS

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- Solved 50+ problems in Code Chef February 2025
- Achieved 5- star coder in Hacker rank in Python and Java March 2024
- Secured 3<sup>rd</sup> Position in the Debate Competition in Spade Organization, LPU September 2023

## EDUCATION

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- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.75* August 2022 - Present
- **Narayana Junior College** Anantapur, Andhra Pradesh  
*Intermediate; MPC; Percentage: 96.5%* April 2020 - May 2022
- **Sri Vivekananda High School** Uravakonda, Andhra Pradesh  
*Matriculation; Percentage: 95%* June 2019 - March 2020