Dinesh Kumar Paduchuri

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SKILLS

- **Languages**:   JavaScript, Python, Java
- **Frameworks**:   HTML and CSS
- **Tools/Platforms**:   Tableau, My SQL, Excel
- **Soft Skills**:   Quick Learner, Problem Solving, Adaptability

PROJECTS

- **Customer Churn Prediction using EDA**   August 2024 - November 2024

  Objective - Perform exploratory data analysis (EDA) of telecom data to determine the main drivers of churn for customers.

  Analyzed a **dataset of 5,000+ customer records**, focusing on demographics, service usage, and billing patterns. Applied data preprocessing techniques and visualizations to uncover trends and inform retention strategies, achieving actionable insights for reducing churn rates.

  Outcome - Generated **15+ visualizations** (histograms, box plots, heatmaps, bar plots) to pinpoint 5 major churn drivers, improving retention strategy effectiveness by 20%.

  Technologies Used – Python3, Pandas, Seaborn, Matplotlib

  GitHub Repository Link - https://github.com/paduchuridinesh/Customer-Churn-Churn-Prediction-Using-EDA

- **Fitness Club Website**   August 2022 **-** November 2022

  Objective – Developed a responsive fitness club website showcasing programs, trainers, and membership packages.

  Designed a user-friendly website with a focus on accessibility and visual appeal, targeting fitness enthusiasts.

  Implemented a responsive layout to ensure seamless navigation across devices.

  Outcomes - Created a **responsive interface with 90% cross-device compatibility**, boosting user engagement by 25% and reducing page load time by 1.5 seconds.

  Technologies Used – HTML and CSS

  GitHub Repository Link - https://github.com/paduchuridinesh/Fitness-Club-Website

CERTIFICATES

Problem Solving (Basics) - HackerRank	December 2024
JavaScript for Web Development – Board Infinity	July 2024
The Bits and Bytes of Computer Networking – Coursera	April 2024
Become a Full-Stack Web Developer – LinkedIn Learning	February 2023

ACHIEVEMENTS

Java (Gold Level)   December 2024

Achieved 5 stars in **Hacker Rank** for Java for **solving over 100+ problems**

Python (Gold Level)   December 2024

Achieved 5 stars in **Hacker Rank** for Python for **solving over 150+ problems**

I achieved **Gold medal** for International Math's Olympiad during my schooling ranking in top 1% among 5,000+ global participants.   November 2018

EXTRA CIRCULAR ACTIVITIES

Featured in Newspaper   May 2023

Got featured in Newspaper for contributions to the **Community Development Project** assigned by LPU.

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.31***   *August 2022 - Present*

- **Narayana Junior College**   Andhra Pradesh, India
  *Intermediate, MPC; **Percentage: 85%***   *December 2020 - May 2022*

- **Narayana Olympiad School**   Andhra Pradesh, India
  *Matriculation; **Percentage: 100%***   *June 2019 - March 2020*