DINESH KUMAR TUNGUTURI
Mobile: 9494557188
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Career Objective:

Software Developer proficient in development and skilled in building responsive, user-friendly web applications. Strong collaborator with a passion for optimizing web performance and learning new technologies. Committed to delivering high-quality code and continuously improving skills.

Education:

- **Master of Computer Applications**
  Princeton PG college of information technology - Hyderabad
  10/2023 - 09/2025
- **Degree**
  Pratibha degree and PG college with 85.5% - Siddipet
  06/2020 - 08/2023
- **Intermediate**
  Master minds Junior College with 75% - Siddipet
  06/2018 - 03/2020
- **SSC**
  Ambitus School with 83% - Siddipet
  06/2017 - 03/2018

Technical Skills:

Frontend Technology – HTML5, CSS3 (including Flexbox and Grid) , JavaScript , BootStrap
Backend Technology – Python, Django, Database Management - MySQL

Additional Skills:

Problem-Solving, Attention to Detail, Team Collaboration , Strong Communication.

Courses and Certifications:

- **Completion of Python Training – February 2024**
  From Besant technologies
- **Python 101 for Data Science – March 2025**
  From IBM Developer Skills Network

Projects:

- **Python Projects Portfolio(https://dinesh-kumar-tunguturi.github.io/python_projects/)**
  - Developed and deployed a personal project showcase website using HTML, CSS, and JavaScript to present beginner-friendly Python games and applications. The site features interactive games such as Quiz Game, Blackjack, Rock-Paper-Scissors, and more. Emphasized user-friendly interface design with animations and responsive layouts. This portfolio demonstrates practical Python coding skills and frontend web development integration.
- **Machine Learning Techniques for Early Diabetes Diagnosis (https://dinesh-kumar-tunguturi.github.io/Review-on-Diabetes-Care/)**
  - Conducted a comprehensive survey (2018–2020) on supervised and unsupervised machine learning techniques for early diabetes detection, evaluating models like C4.5, AdaBoost, and XGBoost, along with PCA and K-Means for feature selection and outlier detection.
  - Demonstrated that combining K-Means with SVM significantly enhances diagnostic accuracy, highlighting the potential of machine learning to improve early diagnosis and reduce diabetes-related health risks.

- **Move With Joy Portfolio (https://dinesh-kumar-tunguturi.github.io/move_with_joy/)**
  - Worked with *Move With Joy*, a US-based startup, to develop brand messaging and website content focused on delivering a smooth and stress-free moving experience.
- **TinDog Portfolio (https://dinesh-kumar-tunguturi.github.io/Tin-Dog/)**
  - TinDog is a fictional dating app for dogs, where dog owners can create profiles for their pets and "swipe" to find doggy playmates or potential mates nearby. It mimics the format and UI/UX of Tinder but applies it to a dog-centered concept. A landing page with a modern, responsive design.Sections for Features, Testimonials, Pricing. Call-to-action (CTA) buttons. Clean and attractive layout styled with Bootstrap components.
- **Air Quality Prediction using ML(https://github.com/Dinesh-Kumar-Tunguturi/Air_quality.git)**
  - Developed a machine learning–based air quality prediction system using Python and Django. The project involved collecting and preprocessing air pollution data (PM2.5, NO2, CO, etc.) to train classification models like Random Forest and Decision Tree using Scikit-learn. Visualized trends and pollutant impact using Seaborn, Matplotlib, and Plotly. Integrated the model into a web application built with Django, enabling users to input real-time pollutant data and receive AQI predictions with interactive charts. Emphasized data cleaning, feature selection, and performance evaluation using confusion matrix and classification reports to ensure reliable predictions.
- **Walmart Sales Data Analysis Using SQL(https://github.com/Dinesh-Kumar-Tunguturi/walmart_sales.git)**
  - Analyzed a 10,000-record dataset from Walmart containing branch-wise sales transactions across multiple cities. Used advanced SQL queries to extract business insights, such as identifying the highest-rated product categories by branch, peak sales days, total quantities sold by payment methods, and customer purchasing behavior. Implemented window functions, aggregation, and joins to generate summary reports and performance dashboards. The project highlights strong skills in data cleaning, transformation, and insight generation using SQL and Excel.

Personal Details

Name:	Dinesh Kumar Tunguturi
Gender:	Male
Nationality:	Indian
Languages Known:	English, Hindi and Telugu
Date of Birth:	15 Nov 2002
Address:	Hyderabad

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Dinesh kumar,
9494557188