RAMU KUNDE

Contact Information

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Profile summary

Motivated and curious Data Science graduate student with a solid foundation in artificial intelligence, machine learning, and data engineering. Experienced in developing predictive models, and conducting in-depth analysis on structured and unstructured data. Proficient in Python, SQL, and modern data frameworks. A strong collaborator and communicator, eager to contribute to cross-functional teams and continuous innovation in data-driven environments.

Education

01/2025- Present	**Gisma University of Applied Science** M.Sc. Data Science, AI and Digital Marketing	**(Potsdam, Germany)**
06/2021 - 06/2024	**Guru Nanak Institutions of Technical Campus** Bachelor of Computer Science & Engineering	**(Hyderabad, India)**
06/2018 - 05/2021	**T.RR College of Technology** Diploma in Computer Engineering	**(Hyderabad, India)**

Projects

Image Classification — **Python, Pandas, Keras, CNN, TensorFlow**

- Developed a Convolutional Neural Network (CNN) to classify images of cats and dogs using the Kaggle "Cats vs Dogs" dataset. Designed a deep learning architecture with Dense, Dropout, and activation layers (ReLU, Sigmoid); tuned parameters for better results.
- Tested and compared multiple optimizers and activation functions to achieve high classification accuracy. Evaluated the model with precision, recall, and accuracy metrics to ensure robust pet image classification for business use.

Seoul Bike Rental Prediction — **Python, Pandas, Scikit-learn, Matplotlib**

- Built an end-to-end regression pipeline to predict bike rental demand using historical weather and seasonal data.
- Performed data preprocessing, exploratory data analysis, and feature engineering to improve model accuracy.
- Applied and compared Ridge, Decision Tree, and Random Forest Regressors with hyperparameter tuning. Models
  evaluated using RMSE and R^2 metrics, identifying the best performing algorithm for accurate demand forecasting.

Genre Classification using NLP — **Python, Pandas, Scikit-learn, NLTK, TF-ID**

- Built an end-to-end Natural Language Processing (NLP) pipeline to classify movie genres based on user review text data from Kaggle. Performed EDA and applied preprocessing techniques like tokenization, stop word removal, and stemming to clean text.

- Extracted features using TF-IDF and trained a Logistic Regression classifier; evaluated performance with accuracy and confusion matrix. Developed a prediction function to classify genres based on new input scripts, supporting OTT content categorization.

Telangana Tourism **HTML5, CSS, JavaScript**

- A very beautiful Telangana tourism website which helps users to know the tourist spots available in Telangana and it also contains detail description of every place like time, location, and images.
- This website is mainly dividing the tourist spots into district wise and the project is built with JavaScript, HTML and CSS.

Areas Of Expertise

- Machine Learning & Predictive Modeling
- ETL Pipeline Development
- Exploratory Data Analysis (EDA)
- Data Cleaning & Transformation
- SQL Query Optimization
- Dashboarding & KPI Visualization
- Data Pipeline Automation

Certification

- IBM Data Analyst Professional Certificate
- Official ISC2 CC Online Self-Paced Training
- Introduction To Cyber Security (CISCO Networking Academy)
- Android App Development
- Artificial Intelligence-Internship

Languages

- English: Fluent
- German: Beginner
- Hindi: Fluent

Technical Skills

Languages	C, C++, Java, Python, HTML/CSS, JavaScript, PHP, SQL
Frameworks/Tools	Pandas, Scikit-learn, TensorFlow, NLTK, React, GitHub, Power BI
Others	Jupyter, Google Colab, Looker Studio, Excel (advanced), VBA (basic scripting)

Achievements

- Built a full-stack resume builder app with React.js; ranked top 5 in Hack-For-Hire hackathon.
- Developed a tourism website showcasing regional insights; recognized for UI and usability.
- Collaborated in team-based academic projects with shared GitHub repositories and peer review.