Venudatta Karumuri

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EXPERIENCE

RUBIXE - AI | DATA SCIENCE INTERN
Sept 2024 – May 2025 | Bengaluru
- Designed and implemented a CNN-based deep learning model to accurately classify rice leaf diseases, leveraging data augmentation and transfer learning techniques.
- Performed clustering of FIFA20 football players using K-Means and DBSCAN algorithms based on performance metrics to discover player groupings.
- Created interactive Power BI dashboards to visualize sales trends, customer behavior, and KPIs for a pizza chain, improving decision-making efficiency.
- Developed automated ETL pipelines to extract, transform, and load data from diverse sources, cutting manual reporting efforts by 30%.

PERSISTENT SYSTEMS LTD | SOFTWARE ENGINEER
July 2022 - Mar 2024 | Hyderabad
- Contributed to an automated loan processing platform for Piramal Finance & Capital Ltd, built on Salesforce, integrating third-party APIs for seamless data exchange.
- Developed custom Salesforce Lightning Components and Apex Triggers to support business-specific workflows and functionalities.
- Optimized backend processes and automation scripts, enhancing system efficiency by 25%.
- Achieved 80%+ code coverage by writing comprehensive unit tests for Apex components, ensuring application reliability.

PROJECTS

SALES EFFECTIVENESS FOR FICZON INC April 2025 – May 2025 | Bengaluru
- Developed a machine learning model to identify and categorize potential customers to improve sales strategy and conversion rates.
- Applied Decision Tree and Random Forest classifiers to segment leads into high- and low-potential categories based on sales data.
- Analyzed independent variables including location, delivery mode, source, status, and sales agent to predict lead quality.
  Tools Used: VS Code, Jupyter Notebook, MySQL

EMPLOYEE SALARY PREDICTION MODEL March 2025 - April 2025| Bengaluru
- Built a salary prediction model using the Random Forest Ensemble algorithm to estimate employee compensation.
- Tuned hyperparameters to improve model accuracy and performance.
- Deployed the model as a web application using Flask, enabling real-time salary predictions.
  Tools Used: Jupyter Notebook, VS Code, Flask

EDUCATION

VISHNU INSTITUTE OF TECHNOLOGY
BACHELOR OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATION ENGINEERING
May 2018 - June 2022| Bhimavaram, Andhra Pradesh
Cum. GPA: 8.22

SKILLS

- Python
- HTML
- CSS
- MySQL
- Flask
- Git/Github
- Power BI
- Tableau
- Advanced Excel
- Machine Learning
- Deep Learning

CERTIFICATIONS

- Certified Data Science - IABAC (May 2025)
- Certified Data Scientist – Nasscom Future Prime Skills (April 2025)
- Data Science Professional Intern – Rubixe AI(March 2025)
- Machine Learning Foundation - Internshala Trainings (October 2024)

LANGUAGES KNOWN

- English: Proficient
- Telugu: Native
- Hindi: Intermediate

LINKS

Github:// **venudatta67**
LinkedIn://
venudatta-karumuri-09a0a41a9/