

VENEEL KUMAR A

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EDUCATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU

B.E in Artificial Intelligence and Data Science

Aug 2021 – May 2025 | GPA: 7.0

ST. FRANCIS DESALES PU COLLEGE, TAMAKA

Science (PCMB)

2019 – 2021 | GPA: 7.5/10

S.F.S HIGH SCHOOL, MALUR

April 2019 | GPA: 8.1/10

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Deep Learning, Data Science, DBMS, Statistics

TECHNICAL SKILLS

Languages: Python, SQL, C

Tools & Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, Power BI

Databases: MySQL

Concepts: Machine Learning, Deep Learning, Data Preprocessing, Data Visualization

PROJECTS

STUDENT PERFORMANCE PREDICTION

Built a predictive model to estimate student percentage based on features like study hours, gender, and parental background.

- Performed EDA and feature engineering on a real-world dataset
- Trained regression models including Linear Regression and Decision Tree Regressor
- Achieved R^2 score of 0.84 on test data

CUSTOMER CHURN CLASSIFICATION USING ANN

Implemented an Artificial Neural Network model to classify customer churn based on banking features like credit score, balance, and loan status.

- Preprocessed data and encoded categorical features
- Built and trained an ANN using Keras achieving 85% accuracy
- Evaluated using confusion matrix and ROC-AUC curve

DATA PREPROCESSING TOOL (ACADEMIC PROJECT)

Designed a web-based tool for interactive data preprocessing.

- Handled missing values, encoding, scaling, and visualizationss
- Technologies used: Python, Streamlit

EMPLOYEE TASK MANAGEMENT SYSTEM

Built a database-driven task tracking system for internal company use.

- Designed relational schema and implemented CRUD operations
- Tools: MySQL, Python

CERTIFICATIONS

- Geo-processing using Python – Conducted by IIRS, ISRO
- Foundations of DS and ML – Conducted by Global Training Partner
- Data Science for Engineers – Conducted by NPTEL
- Applications of IoT – Conducted by SST Technologies at KSSEM
- Microsoft Azure AI-900: Fundamentals of AI and ML

WORKSHOPS

- Deep Learning Workshop by Mevi Technologies

ACHIEVEMENTS

- Solved 50+ problems on LeetCode (Data Structures and Algorithms)

LANGUAGES

Tamil, English, Kannada, Telugu