

NITHIN GOWDA K N

📞 6362038986 ✉ nithingowda28may@gmail.com [in linkedin.com/in/nithingowda28](https://www.linkedin.com/in/nithingowda28)

Personal Portfolio : <https://nithingowda-portfolio.netlify.app/>

Technical Skills

Languages and DataBases: Python, C++, C, SQL, MongoDB.

Visualization Tools: Power BI, Matplotlib, Seaborn.

Other Skills: Machine Learning, Deep Learning, Data Analysis, Data Structures, Computer Vision.

Experience

Dr Ali's Denta Care

Dec 2023 – Feb 2024

Freelance

Bengaluru, India

- Conducted data collection, cleaning, and image annotation for dental x-ray images.
- Utilized YOLO and Detectron2 frameworks for object detection in dental imaging.
- Trained and fine-tuned object detection models to improve accuracy.
- Collaborated with dental professionals to understand and meet project requirements.

Amrita Vishwa Vidyapeetham

Feb 2024 – July 2024

Assistant professor

Mysore, India

- Taught courses on Data Structures, Analysis and Design of Algorithms, and Artificial Intelligence.
- Conducted practical labs in Data Structures, Problem Solving, DBMS, and Python.
- Developed and delivered comprehensive lesson plans and assessments.

Personal Projects

Head Pose and Eye Gaze Detection

- Annotated dataset involving nine classification categories for Head pose detection and gaze direction.
- Trained and evaluated a YOLO v8 Object detection model for real-time Head Pose and Eye Gaze Detection.

Whatsapp Chat Analyzer

- Cleaned and structured raw chat logs, extracting useful features such as message counts and user activity.
- Utilized visualization libraries like Matplotlib and Seaborn to create dynamic charts and graphs, providing detailed insights into chat patterns and user engagement.

Laptop Price Predictor

- Performed Data Preprocessing with feature engineering and built models using Gradient Boosting and Random Forest.
- Deployed the predictive model via Streamlit, providing real-time price estimates based on laptop specifications.

Movie Recommender System

- Created a movie recommender system using collaborative filtering and cosine similarity for personalized recommendations.

Certifications

- **Python for Data Science** | IBM
- **Data Analysis with Python** | IBM
- **Machine Learning with Python** | IBM
- **SQL and Relational Databases** | Cognitive Class
- **Advanced SQL for Data Scientists** | LinkedIn Learning
- **YOLOv8: Object Detection, Tracking & Web App in Python 2023** | Udemy
- **Deep Learning using Tensorflow** | IBM

Education

University of Mysore

Jan 2022– Sep 2023

Masters of Science in Computer Science

Mysore, Karnataka

CGPA: 8.7

Yuvaraja's College

Jun 2018 – Oct 2021

Bachelors of Science in Computer Science

Mysore, Karnataka

CGPA: 8.2