

Professional Things about Ananthmanoj:

- **Contact**
 - **Name:** Ananthmanoj Nayak
 - **Email:** manojnayak1996@gmail.com
 - **Phone:** +91 9483099231
 - **Location:** Bangalore, India
 - **LinkedIn:** linkedin.com/in/amnayak
- **Professional Summary**
 - **6+ years'** experience in neural networks and data-regression models
 - **Strong academic exposure** to end-to-end Data Science use cases
 - **Action-oriented tech enthusiast**
- **Work Experience**
 - **Data Scientist, Net Connect Globals (Dec 2024 – Present, Bangalore)**
 - **Developed customer-churn prediction model** using transaction & engagement history
 - **Built XGBoost, Random Forest & Logistic Regression pipeline** → 94% accuracy
 - **Engineered RFM-based features;** integrated SQL for efficient data processing
 - **Tools:** Colab, Jupyter, SQL, Python, Git
 - **Data Scientist, Ielektron Technologies Pvt Ltd (Nov 2021 – Dec 2024, Bangalore)**
 - **Designed/commercialized CV & multi-modal ML models** for ADAS
 - **Engineered EfficientNet-B3 & LSTM behavior-analysis models** → 85% precision, -25% false alerts
 - **Integrated MediaPipe Face Mesh (468 landmarks) + IR-camera head-pose estimation**
 - **Built CNN-XGBoost hybrid** for temporal activity analysis → 92% recall on edge cases
 - **Tools:** PyCharm, AWS, Git, Python, SQL, Databricks, TensorFlow, SciPy
 - **Data Analyst, Wipro Ltd (Feb 2018 – Nov 2021, Bangalore)**
 - **3+ years as Project Engineer** → Data Migration Expert in AI/Data Analysis
 - **Extracted, feature-engineered & migrated client data** via ETL pipelines
 - **Translated business goals** into analytical solutions; managed SQL/MySQL workflows
 - **Tools:** SQL, MySQL, ETL

- **Internal & Freelance Projects**
 - **Recipe Recommendation System**
 - NLP & ML to suggest dishes based on ingredients
 - Collaborative & content-based filtering; performance optimizations
 - Tools: Syniti ETL, Python, SQL
- **Skills**
 - **Machine Learning:** supervised & unsupervised learning, K-NN, Random Forest, ensemble methods, decision trees, Naïve Bayes, SVC/SVM
 - **Deep Learning:** ANN, CNN, LSTM, DNN
 - **Libraries:** pandas, SciPy, NumPy, scikit-learn, NLTK, Keras
 - **Statistical Analysis:** predictive analytics, PCA, dimensionality reduction, exploratory analysis
 - **Data Visualization:** Tableau, Matplotlib, Seaborn, OpenCV, Excel
 - **Programming:** Python, C++, Shell
 - **Databases:** SQL, MySQL, Oracle, MongoDB
- **Education**
 - **M.S. in Data Science, Deakin University (Feb 2024)**
 - **Postgrad. in AI & ML, University of Texas at Austin (Oct 2020)**
 - **B.E. in CSE, Visvesvaraya Technological University (May 2018)**
- **Key Projects**
 - **Recipe Recommendation (May 2021):** personalized dish suggestions via NLP + ML
 - **Pneumonia Detection (Sep 2020):** Mask R-CNN & ResNet transfer learning → 94.8% accuracy, 85% mIoU
 - **Interactive Face Recognition (Jul 2020):** Siamese net + CNN detection & TTS/NLP dialogue → 96.07% accuracy
- **Awards & Recognition**
 - **Bravo Award (2022)**
 - **Star of the Month – June 2021**
 - **DAAI Circle of Excellence (2020)**
 - **Execution Excellence Award (2019)**
- **Volunteering**
 - **ED Support Volunteer, Make A Difference (2018)**