

FRANKLIN ALMEIDA

lamfranklinalmeida@gmail.com | +91 6361185556 | www.linkedin.com/in/franklin-almeida | franklinalmeida.com | [GitHub](https://github.com)

ABOUT ME

Engineer and Data Scientist with a unique background in founding and scaling a profitable business. I combine technical expertise in Machine Learning and Python with a practical understanding of operational strategy. Focused on using data analytics to solve complex business problems, streamline workflows, and improve retention.

SKILLS

Programming Languages & ML: Python (Pandas, NumPy, Scikit-learn), R, SQL

AI Specialization: Natural Language Processing (NLP), Deep Learning, GenAI, PyTorch

Visualization: Tableau, Power BI, Matplotlib, Seaborn

Other Tools: Git, Excel, Jupyter Notebook, Streamlit

EDUCATION

M.Sc. in Applied Statistics & Data Science | Manipal Academy of Higher Education | May 2027

Statistics | R Programming | SQL | Python | Power BI

B. Tech in Media Technology | Manipal Institute of Technology | Oct 2021

Animation Technology | Electronic Composition | Sound Engineering.

PROJECTS

GenAI-Powered Speech Disorder Detection | Python, NLP, Deep Learning

- **Engineered** a GenAI-based speech assistant that provides real-time corrective feedback, reducing therapy practice time by **40 %**.
- **Trained** custom models on a dataset of **500** voice samples, utilizing Python libraries (Pandas, PyTorch) to identify key speech patterns and anomalies.

Customer Churn Prediction System | Python, Scikit-learn, Streamlit

- **Built a predictive classification model (Logistic Regression/Random Forest) to identify at-risk customers, achieving an 85% accuracy rate on validation data.**
- **Deployed** an interactive dashboard using Streamlit that visualizes customer risk factors, enabling potential retention improvements of **20%** through targeted interventions.
- **Processed** and cleaned a dataset of **350** customer records, reducing data noise by **20%** to improve model reliability.

Combat Robotics Team Founder & Leader | Project Management, Engineering Design

- **Founded and led a team of 16 engineers to design and fabricate 15kg, 30kg and 45kg combat robots for national-level competitions.**
- **Managed** a budget of **₹5 Lakhs** and adhered to strict manufacturing deadlines, delivering the final prototype **3-4 weeks** ahead of schedule.
- **Enhanced** robot structural integrity by **80%** through iterative stress testing, resulting in **zero hardware failures** during competition matches.

EXPERIENCE

Tribe Fitness | Fitness Entrepreneur & Business Owner | Udupi, Karnataka, India Oct 2024 – Present

- Analyzed attendance data for a **150+** member gym to restructure staffing and cut costs by approximately 12%.
- **Reduced** peak-hour wait times by **35%**, directly contributing to a projected **15% increase** in annual member retention.

Christ X Marketing | Social Media Marketing Manager | Udupi, Karnataka, India May 2023 – Jul 2024

- **Directed** social media campaigns, increasing audience engagement by **15%** through targeted content strategies.
- **Analyzed** campaign performance metrics and KPIs to optimize ad spending, reducing manual reporting time by **20%**.

OMNION | Project Manager Intern | Udupi, Karnataka, India Feb 2021 – May 2021

- **Coordinated** cross-functional teams ensure timely completion of designs, delivering projects **by 10%** ahead of schedule.
- Streamlined communication workflows between design and technical teams, reducing design revision cycles by **20%**.